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ARTHUR C. KOERNER
Five Oaks Farm
NEWPORT, MINNESOTA

U.S.



SEASON 1932

Gladiolus Seed and Bulbs

Gladiolus Coccineus

In our 1931 catalog we made this statement: "Another very important new gladiolus species has just recently been discovered, we will offer seed of this just as soon as it is available."

A year ago it did not seem possible nor did we expect to be able to offer seed of this new discovery so soon, but through the heroic efforts of Mr. W. H. Stokes, who discovered this new species, we are enabled to offer a limited supply this year for the first time anywhere. We are the exclusive agents for Mr. Stokes in the United States and this new species is not obtainable from any other source.

This new gladiolus species is distinctly different from any other known G. species or hybrid gladiolus. G. coccineus requires 8 months from planting to bloom, the shape of the flower is new. Its blooming season is December, Christmas time, the color is a reddish crimson, 9 to 14 blossoms open at a time.

The size, color and time of bloom makes it a very valuable acquisition, just as it is without any development for florist, greenhouse or culture in sections of the United States where it may be grown out of doors. It must be planted in April to come into bloom in its natural blooming season, December, a season when there is a scarcity of flowers and a strong demand for brilliant Christmas color which G. coccineus possesses.

"G. coccineus is certainly one of the finest species we have seen, reaching a height of about four feet with as many as nine richly colored (reddish crimson) large flowers open at once and all turning to one side to make a glorious show without in the least giving the impression of heaviness or the undue flaunting of wealth and beauty we sometimes get from the horticulturists hybrid gladioli. This is one of the finest additions to the horticultural world among the many that have been displayed in our National Botanic Gardens."

Mrs. L. Bolus, curator of the Bolus Herbarium,
Kirstenbosch, South Africa

G. coccineus, "The most brilliant of all gladiolus species."

Mr. J. W. Mathews, curator of the National Botanic Gardens,
Kirstenbosch, South Africa

A few years ago we introduced the new fragrant gladiolus species G. odoratus at 25 seeds for \$5.00. This is now 25 seeds for \$1.00 due to the plentiful supply of seed.

G. coccineus stock is still very scarce and there can be no assurance of seed for next year. We are introducing and offering this remarkable new species for the first time anywhere at

25 seeds for \$5.00

The following list offers other very desirable South African gladiolus species. Foreign species bulbs in general resent removal from their native habitat and success with them is usually very uncertain, but when grown from seed they become acclimated to

**G. COCCINEUS**

Drawing taken from a reproduction of a painting by M. M. Page and B. O. Carter published in "The Journal of the Botanical Society" of South Africa.

the new environment and results are always far more satisfactory. South African gladiolus species bulbs may not be imported into the United States and seed offers the only opportunity of getting these species at all. All of them are of extreme value for hybridization purposes and very desirable for themselves just as they are. Our sources of supply are reliable and we offer fresh seed each year.

The descriptions given, are by the persons supplying this species seed. We assume no responsibility whatsoever with this seed. We have taken every precaution, we have done all that possibly could be done, we have bent every effort to obtain varieties that are true to name and exactly as represented, we do not offer this seed under any other conditions or with any other understanding expressed or implied.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order.

G. alatus, or Kalkoenje, Brick red with green or yellow on lower segments, large flowers, stems 6 to 16 inches, A Cape species, grows in wet winter and flowers in late spring (September) Sweetly scented. 25 Seeds \$1.00

G. angustus, "Painted Lady" Very light coloring with long perianth tube, Very much branched, flowers in early summer (October). 25 Seeds \$1.00

G. angustus (var) Taller and stronger than the type, very much branched. 25 Seeds \$1.00

G. blandus, "The Fairest Gladiolus" Pink, 1½ feet high, 15 to 20 blooms. Often branched, flowers early summer (October). 25 Seeds \$1.00

G. brevifolius, Small flowers, very dainty, flowers sometimes blue and sometimes pink, flowers without any leaves at the end of the hot dry summer (March-April) Produces leaves and new corms later. 25 Seeds \$1.00

G. callistus, Pale pink or white with deeper throat markings 3½ feet high, flowers well spaced on stem, lower petal enlarged like an inverted primulinus. A very good one that should produce something out of the ordinary in shape or form. It is excellent for cutting, just as it is. Flowers early Summer (October-November). 25 Seeds \$1.00

G. carmineus. Very intense carmine color, large flowers on short stems, the long leaves come later, grows quite close to the sea on sandy soil but adapts itself to garden conditions. Flowers in autumn (April). 25 Seeds \$1.00

G. coccineus (First time offered anywhere), brilliant reddish crimson 9 to 14 flowers open at once, shape of flower is new, very desirable for greenhouse culture or like conditions, must be planted in April, requires 8 months from planting to bloom which is Christmas time, December. 25 Seeds \$5.00

G. cuspidatus, Yellow with carmine throat markings, 1 foot high, segments narrow and very waved or ruffled, a mountain species, flowers in summer (November). 25 Seeds \$1.00

G. gracilis, Small Blue Afrikander. This is a small, very dainty blue flower marked with yellow on the lower lip, 1 to 2 feet high. A very light, airy flower, one of the most beautiful. The earliest to bloom in the spring on the dry Cape hillsides (August). This will be very popular just as it is for greenhouse culture once it becomes known. 25 Seeds \$1.00

G. crassifolius, Deep pink, clump like masses of foliage with many spikes. flowers autumn. 25 Seeds \$1.00

G. debilis, White, beautifully marked with deep carmine, 1½ to 2 feet high, thin wiry stems, flowers late spring. 25 Seeds \$1.00

G. grandis, The large Afrikander, reddish brown or bronze mottled with yellow, petals pointed and waved, very sweetly scented in the evening, a great deal like G. tristis only larger, flowers mid summer. 25 Seeds \$1.00

G. hirsutus, Large deep pink marked with white stripes, 3 feet high, flowers early spring (August). Very fragrant. 25 Seeds \$1.00

G. odoratus, New, so named because of its wonderful fragrance (day and night), 2 to 3 feet high with 6 to 16 large rich velvety dark maroon flowers marked with gold and brown, splendid pollen and seed parent. 25 Seeds \$1.00

G. psittacinus, Deep red, lightly flecked with red brown, 2 feet high, flowers in spring (August-September). 25 Seeds \$1.00

G. Splendens, lovely pink sends up three or four spikes, 3 to 4 feet high if planted early in spring in pots and then set out it will bloom in our August and September, a fine one just as it is. 25 Seeds \$1.00

G. Stanfordia, lovely pink, red marking on lower white segments, butterfly

shape, flowers summer (January).	25 Seeds \$1.00
<i>G. tristis</i> , "The Avondblom" Pale yellow mottled with brown, very thin stem and leaves, 4 to 6 feet high, 10 to 20 flowers, very sweetly scented in the evening. It likes moisture. Flowers midsummer or later (January).	25 Seeds \$1.00
<i>G. villosus</i> , Pink, 1 to 2 feet high, very graceful and pretty, flowers spring.	25 Seeds \$1.00
<i>G. Watermeyri</i> , a delicate real miniature 9 to 12 inches high, violet with brown and yellow veining, very fragrant, flowers May to June.	25 Seeds \$1.00

PEDIGREED HAND POLLINATED GLADIOLUS SEED OF 1931 CROSSES

The gladiolus is cross and self pollinated with the utmost ease and in an extremely wide variety of manner. Each flower requires a period of from three to four days or longer to develop from the opening to the wilting stage, governed largely by weather conditions. The stigma is receptive for the greater part of this time and the pollen laden anther cells are usually ripe from the bud to the wilting stage inclusive. In the wilting and closing up of the flower nature sees to it that the stigma and anthers are folded together in a close embrace.

The flower is host to a large variety of visitors, all more or less carrying pollen from other varieties and a true to name hand-made cross can only be obtained by positively preventing any and all of these natural processes of pollinization from taking place. In other words, no pollen, excepting that intended, can be allowed to come into contact with the stigma at any stage of the life of the flower if a true to name cross is to be obtained.

We obtain our pollen and make all of our crosses in insect proof, moisture proof and wind proof sash and cloth covered enclosures in which we grow all the varieties we wish to cross. We remove the pollen from the bud in the green stage and it cannot become contaminated or mixed and there is no possible chance of any pollen reaching or coming into contact with any stigma unless we place it there by hand.

When we say Heavenly Blue upon Ave Maria, the seed produced is Heavenly Blue-Ave Maria and nothing else, and so on with all of our hand made crosses. When buying hand pollinated gladiolus seed be sure you know how it was produced. If it was not produced under absolute control, then it is simply meaningless and worthless for definite results and you are better off buying the less expensive self pollinated seed for the results will be the same--indefinite.

A great deal of hand pollinated gladiolus seed is being offered at vastly cheaper prices than ours. The certainty of production and results spell the difference. We make no extravagant statements as to what our seed will produce, but we do guarantee the purity and trueness of our crosses, and we stand back of our seed and it will be to the direct advantage of every purchaser to let us know what results were obtained from our seed.

Gladiolus seed production is our whole time business. We are not interested in the sale and distribution of named varieties. We do not grow bulbs for the wholesale or retail trade, the only bulbs we offer are surplus stock. In the following list of hand made crosses you will find the newest and latest of foreign and domestic originations employed as pollen and seed parents, these crosses are true and exactly as indicated.

We always receive so many inquiries regarding crosses other than we list. Simply for the purpose of eliminating a lot of correspondence, we are listing all of the crosses we obtained seed from this past season. It stands to reason we do not obtain 25 or more seeds from each cross we make, on such crosses listed without a price mark we will be glad to quote quantity and price upon inquiry. Descriptions of all varieties will be found in the back part of this catalog under "Gladiolus Bulbs."

Complete cultural instructions with each order.

All orders delivered prepaid.

Cash with order. No orders accepted for less than \$1.00.

No gladiolus seed for sale after April first.

It is understood, that all originator's credit, rights and claims on any

outstanding specimens produced from our gladiolus seed and unbloomed seedling bulbs, pass on automatically to the purchaser of this seed and bulbs. We reserve no claim whatsoever on any outstanding specimens. The purchaser secures all these rights, the right to name, disposition of same, by the purchase of the seed and bulbs.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order. Please order by number and name.

	25 Seeds		25 Seeds
31C1 Adair on		31C29 Alt Wien	
Allure		Baron J. Hulot	6.00
31C2 Adair		31C30 Alt Wien	
Blenn		Berty Snow	6.00
31C3 Adair		31C31 Alt Wien	
Dainty	\$6.00	Colbert	8.00
31C4 Adair		31C32 Alt Wien	
Gladdie Boy		Costa Rica	
31C5 Adair		31C33 Alt Wien	
Mrs. Calvin Coolidge	4.00	Daintiness	
31C6 Adagio		31C34 Alt Wien	
Frank J. McCoy		Dr. Moody	
31C7 Adagio		31C35 Alt Wien	
Nixie	5.00	Heavenly Blue	8.00
31C8 Adagio		31C36 Alt Wien	
Rita Phillips	10.00	Kirchoffs New Violet	
31C9 Adagio		31C37 Alt Wien	
Salmon Plume	6.00	Larkin Blue	
31C10 Aflame		31C38 Alt Wien	
Barbara Phillips	8.00	Opalescent	
31C11 Aflame		31C39 Alt Wien	
Erica Morini	8.00	Pink Cloud	
31C12 Aflame		31C40 Alt Wien	
Roald Amundson		Saphir	
31C13 Aflame		31C41 Alt Wien	
Rose Mist		Sovereign	6.00
31C14 Aida		31C42 Alt Wien	
Anna Eberius	4.00	Tancrede	
31C15 Aida		31C43 Amethyst	
Heavenly Blue		Apricot Glow	
31C16 Aida		31C44 Amethyst	
Herada		Berty Snow	
31C17 Aida		31C45 Amethyst	
Libelle	10.00	Costa Rica	
31C18 Aida		31C46 Amethyst	
Mona Lisa		Her Majesty	
31C19 Aida		31C47 Amethyst	
Pallas		Opalescent	
31C20 Aida		31C48 Anna Eberius	
Rev. Ewbank	4.00	Glendale	
31C21 Aida		31C49 Apricot Glow	
Wedgewood		Berty Snow	
31C22 Albatros		31C50 Apricot Glow	
Noege		Gen. Maistre	6.00
31C23 Allure		31C51 Apricot Glow	
Aquila		Inspiration	
31C24 Allure		31C52 Apricot Glow	
Comet		Jona. Trevethick	8.00
31C25 Allure		31C53 Apricot Glow	
Lady Byng	4.00	Yosemity	4.00
31C26 Allure		31C54 Aquila	
Milady Imogene		Allure	5.00
31C27 Allure		31C55 Aquila	
Mrs. Calvin Coolidge		Austinette	
31C28 Alt Wien		31C56 Aquila, on Bridal Veil-	
Ave Maria		Aquila Seedling	

	25 Seeds		25 Seeds
31C57	Aquila Crinkles	31C89	Berty Snow Casa Verduga
31C58	Aquila Dainty Queen	31C90	Berty Snow Heavenly Blue 5.00
31C59	Aquila Gladdie Boy	31C91	Berty Snow Lois Marie
31C60	Aquila Mrs. Calvin Coolidge	31C92	Berty Snow Minuet
31C61	Aquila Viola Bird	31C93	Berty Snow Norwood
31C62	Arabia Commander Koehl 6.00	31C94	Berty Snow Pink Cloud
31C63	Arabia Damascus 2.00	31C95	Berty Snow Rose Glory
31C64	Arabia-Marocco Seedling Fuchsia	31C96	Berty Snow Ruth Huntington 3.00
31C65	Arabia Gettysburg	31C97	Berty Snow Summit
31C66	Arabia Marioland	31C98	Berty Snow, on Berty Snow- Heavenly Blue Seedling 3.00
31C67	Arabia Monarch of the Glen 3.00	31C99	Betty Nuthall A. B. Kunderd
31C68	Arabia Marocco	31C100	Betty Nuthall Giant Nymph
31C69	Arbutus Exquisite	31C101	Betty Nuthall Kingsford Smith
31C70	Ave Maria Alt Wien	31C102	Beverly Mair Jona. Trevelthick
31C71	Ave Maria Daintiness 8.00	31C103	Bill Sowden Chateau Thierry
31C72	Ave Maria Dr. Moody	31C104	Bill Sowden Commander Koehl
31C73	Ave Maria Heavenly Blue	31C105	Bill Sowden Harry Green
31C74	Ave Maria Jubilee 10.00	31C106	Bill Sowden Illuminator
31C75	Ave Maria Kirchoffs New Violet 8.00	31C107	Bill Sowden Scarlet Glory
31C76	Ave Maria Libelle 10.00	31C108	Bittersweet Prince of Wales 2.00
31C77	Ave Maria Mona Lisa	31C109	Bittersweet Salmon Glow 3.00
31C78	Ave Maria Olive Goodrich 6.00	31C110	Blue Danube Kasson 8.00
31C79	Ave Maria Saphir	31C111	Blue Danube Muriel
31C80	Ave Maria Tancrede 8.00	31C112	Blue Danube Queen Mary (M)
31C81	Ave Maria Tsarine 8.00	31C113	Blue Danube Tancrede
31C82	Ave Maria Queen Mary (M)	31C114	Blue Danube Tsarine 10.00
31C83	Ave Maria Viola 10.00	31C115	Bridal Veil Impressive 8.00
31C84	Badenia Alt Wien 8.00	31C116	Brown Wings John Toland
31C85	Badenia, on Badenia-Chas. Dickens Seedling	31C117	Brown Wings Sacajawea
31C86	Badenia, on Badenia- Minuet Seedling 6.00	31C118	Brown Wings Prince of India
31C87	Badenia Libelle 10.00	31C119	Brown Wings The Emir 3.00
31C88	Badenia Othello	31C120	Byron L. Smith Dr. Neely

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	25 Seeds		25 Seeds	
31C121	Byron L. Smith	31C153	Daintiness	
	Prim. L		Blue Danube	10.00
31C122	Catherine Coleman	31C154	Daintiness	
	Mrs. S. A. Errey		Dr. Elkins	
31C123	Capt. Kidd	31C155	Daintiness	
	Impresario	8.00	Dr. Neely	
31C124	Capt. Kidd	31C156	Daintiness	
	Dainty Queen		Heavenly Blue	
31C125	Century	31C157	Daintiness	
	Mrs. P. W. Sisson		Mona Lisa	
31C126	Century	31C158	Daintiness	
	Tempa		Noege	
31C127	Century	31C159	Daintiness	
	Tsarine		Viola	
31C128	Charles Berthier	31C160	Dainty Queen	
	Anna Eberius	2.00	Austinette	
31C129	Charles Berthier	31C161	Dainty Queen	
	Perla		Avalon (K)	
31C130	Charles Berthier	31C162	Dainty Queen	
	Pink Lily		Capt. Kidd	
31C131	Charles Berthier	31C163	Dainty Queen	
	Tyrian Beauty		Dainty	
31C132	Cologn Gold	31C164	Dainty Queen	
	Gold Eagle	5.00	Fiambriatus	6.00
31C133	Cologn Gold	31C165	Dainty Queen	
	Golden Swallow		Golden Frills	4.00
31C134	Cologn Gold	31C166	Dainty Queen	
	Jona. Trevelthick	8.00	Laciniated Seedling	
31C135	Cologn Gold	31C167	Dainty Queen	
	Norma Talmadge		Queen Mary (M)	
31C136	Comet	31C168	Dainty Queen	
	Dainty Queen		Serrata	6.00
31C137	Comet	31C169	David	
	Ensemble		Bill Sowden	8.00
31C138	Comet	31C170	David	
	Gladdie Boy		Harry Green	8.00
31C139	Comet	31C171	David	
	Golden Frills		Lilydale	8.00
31C140	Commander Koehl	31C172	David	
	Apricot Glow		Tutanekai	8.00
31C141	Commander Koehl	31C173	Dignity	
	Gertrude	8.00	Blue Danube	10.00
31C142	Commander Koehl	31C174	Dignity	
	Illuminator	6.00	Costa Rica	6.00
31C143	Commander Koehl	31C175	Dignity	
	Marioland	8.00	Fern Kyle	
31C144	Commander Koehl	31C176	Dignity	
	Our Selection	8.00	Heavenly Blue	8.00
31C145	Commander Koehl	31C177	Dignity	
	The Aristocrat		Jona. Trevelthick	
31C146	Coronada	31C178	Dignity	
	A. B. Kunderd		Mrs. Dr. Norton	
31C147	Coronada	31C179	Dignity	
	Lois Marie		Pink Lily	
31C148	Coronada	31C180	Dignity	
	Pink Cloud		Sulphur Glow	
31C149	Coronada	31C181	Director	
	Rose Tint		Kingsford Smith	
31C150	Daintiness	31C182	Doro	
	Alt Wien	10.00	Bill Sowden	
31C151	Daintiness	31C183	Doro	
	Ave Maria	10.00	Geo. Megerney	
31C152	Daintiness	31C184	Draco-Glorioso	
	Baron J. Hulot	8.00	Gen. Maistre	6.00

	25 Seeds		25 Seeds
31C185	Dragon Lyonnaise	31C217	Emile Aubrun
	Inspiration		Inspiration
31C186	Dr. A. C. Hansen	31C218	Emile Aubrun
	Adaline Kent		Lois Marie
31C187	Dr. A. C. Hansen	31C219	Emile Aubrun
	Sunshine Glow		Mrs. S. A. Errey
31C188	Dr. A. C. Hansen	31C220	Emile Aubrun
	Triumphator		Pink Cloud
31C189	Dr. Neely	31C221	Emile Aubrun
	Dr. A. C. Hansen	2.00	Purple Glory
31C190	Dr. Neely	31C222	Emile Aubrun
	California		Rose Mist
31C191	Dr. Neely	31C223	Emile Aubrun
	Fata Morgana	4.00	Ruth Huntington
31C192	Dr. Neely	31C224	Emile Aubrun
	Panope	6.00	Sacajawea
31C193	Dr. Neely	31C225	Emile Aubrun
	Selina		Santa Maria
31C194	Dr. Nelson Shook	31C226	Emile Aubrun
	Littlejohn	8.00	Stuttgardia
31C195	Dr. Nelson Shook	31C227	Emile Aubrun, on Troubadour-
	Rose Mist		E. Aubrun Seedling
31C196	Dr. Moody	31C228	Ensemble
	Giant Nymph	4.00	Yellow Orchid
31C197	Dr. Moody	31C229	Erica Morini
	Stuttgardia	6.00	Impressive
31C198	Elizabeth	31C230	Etenderd
	Arabia		Queen Mary (K)
31C199	Elizabeth	31C231	Fanny Crosby
	Costa Rica		Costa Rica
31C200	Elizabeth	31C232	Fata Morgana
	Crinkles		Coral Queen
31C201	Emile Aubrun	31C233	Fata Morgana
	A. B. Kunderd		Dignity
31C202	Emile Aubrun, on Aida-	31C234	Fata Morgana
	Emile Aubrun Seedling		Gertrude Errey
31C203	Emile Aubrun, on Emile	31C235	Fata Morgana
	Aubrun-Aida Seedling	4.00	Lady Byng
31C204	Emile Aubrun, on Aida	31C236	Fata Morgana
	Emile Aubrun Seedling	4.00	Marcella
31C205	Emile Aubrun	31C237	Field Marshall
	Ancora		Arabia
31C206	Emile Aubrun	31C238	Field Marshall
	Anna Eberius	4.00	Berty Snow
31C207	Emile Aubrun	31C239	Field Marshall
	Apricot Glow	10.00	Crinkles
31C208	Emile Aubrun	31C240	Field Marshall
	Arabia		Commander Koehl
31C209	Emile Aubrun	31C241	Field Marshall
	Colbert	8.00	Costa Rica
31C210	Emile Aubrun	31C242	Field Marshall
	Desdamaona		Elizabeth
31C211	Emile Aubrun	31C243	Field Marshall
	Gay Hussar	6.00	Gertrude
31C212	Emile Aubrun	31C244	Field Marshall
	Iwa		John T. Pirie
31C213	Emile Aubrun	31C245	Field Marshall
	Geo. Megerney		Red Lory
31C214	Emile Aubrun	31C246	Field Marshall
	Giant Nymph		Rita Phillips
31C215	Emile Aubrun	31C247	Field Marshall
	Gloriana		Rosalind
31C216	Emile Aubrun	31C248	Field Marshall
	Heavenly Blue		Tutanekai

	25 Seeds		25 Seeds
31C249 Fiambriatus		31C281 Gertrude	
Aquila		Rose Ash	
31C250 Fiambriatus on Fiam.		31C282 Gertrude	
Laciniated Seedling		Silversheen	
31C251 Fiambriatus		31C283 Gertrude Errey	
Yellow Orchid		Bubbles	4.00
31C252 Flaming Vale		31C284 Gertrude Errey	
Chateau Thierry		Marcella	4.00
31C253 Flossie		31C285 Gertrude Errey	
Flaming Sword		Pink Lily	5.00
31C254 Flossie		31C286 Gertrude Pfitzer	
Gloriana		Ave Maria	
31C255 Flossie		31C287 Gertrude Pfitzer	
Rose Mist	2.00	Kasson	
31C256 Fontaine		31C288 Gertrude Pfitzer	
Adagio	6.00	Mona Lisa	
31C257 Fontaine		31C289 Giant Myrtle	
Giant Myrtle		Yosemite	
31C258 Fontaine		31C290 Gladness	
Lady Jane Grey	4.00	Scarlet Bedder	
31C259 Fontaine		31C291 Gladys	
Lois Marie	6.00	Stuttgardia	
31C260 Fuchsia		31C292 Gloriana	
Bordeaux		Gay Hussar	
31C261 G. J. Mackay		31C293 Gold Eagle	
E. J. Shaylor		Bonny Jean	
31C262 G. J. Mackay		31C294 Gold Eagle	
Tempa		Crown of Gold	
31C263 Gen. Maistre		31C295 Golden Dream	
Her Majesty	6.00	Cologn Gold	6.00
31C264 Gen. Maistre		31C296 Golden Dream	
Jona. Trevethick		Gold	
31C265 Gen. Maistre		31C297 Golden Dream	
Ladybird	8.00	Jona. Trevethick	8.00
31C266 Gen. Maistre		31C298 Golden Wedding	
Monarch of the Glen		Crown of Gold	6.00
31C267 Gen. Maistre		31C299 Graff Zeppelin	
Mrs. Leon Douglas		Chateau Thierry	8.00
31C268 Gen. Maistre		31C300 Graff Zeppelin	
Nixie		Flaming Sword	8.00
31C269 Gen. Maistre		31C301 Graff Zeppelin	
Tyrian Beauty	6.00	Gertrude	
31C270 Geo. Megerney		31C302 Graff Zeppelin	
A. B. Kunderd	8.00	Illuminator	8.00
31C271 Geo. Megerney		31C303 Graff Zeppelin	
Gertrude		James Dunlop	
31C272 Gertrude		31C304 Graff Zeppelin	
Colbert		Mrs. S. A. Errey	8.00
31C273 Gertrude		31C305 Graff Zeppelin	
Costa Rica	8.00	Red Lory	
31C274 Gertrude		31C306 Graff Zeppelin	
Crinkles		Roald Amundson	
31C275 Gertrude		31C307 Graff Zeppelin	
Commander Koehl		Rose Mist	
31C276 Gertrude		31C308 Graff Zeppelin	
Dorothy Vernon		Scarlet Princeps	
31C277 Gertrude		31C309 Graff Zeppelin	
Erica Morini	8.00	Scarlet Wonder	
31C278 Gertrude		31C310 Graff Zeppelin	
Giant Nymph	8.00	Stuttgardia	8.00
31C279 Gertrude		31C311 Graff Zeppelin	
John T. Pirie		Tutanekai	
31C280 Gertrude		31C312 Greatheart	
Kingsford Smith		Bordeaux	

	25 Seeds	25 Seeds
31C313 Harry Green David		31C345 Heavenly Blue Wedgewood
31C314 Harry Green Kingsford Smith		31C346 Heavenly Blue White Veis
31C315 Harry Green Stuttgardia 8.00		31C347 Heavenly Blue, on Kirchoffs N. Violet-Heavenly Blue Seed.
31C316 Harry Green Tutanekai		31C348 Henry G. Goehl Queen Mary (K)
31C317 Heavenly Blue Aida		31C349 Herada Violet Beauty
31C318 Heavenly Blue Alt Wien 8.00		31C350 Her Majesty Gen. Maistre 6.00
31C319 Heavenly Blue Avalon (K)		31C351 Her Majesty Lois Marie 6.00
31C320 Heavenly Blue Ave Maria 8.00		31C352 Her Majesty Mrs. Leon Douglas
31C321 Heavenly Blue Avalon (Kemp)		31C353 Her Majesty Tsarine 8.00
31C322 Heavenly Blue, on Badenia- Minuet Seedling		31C354 Her Majesty Tyrian Beauty 6.00
31C323 Heavenly Blue Bridal Veil		31C355 High Nye Gen. Maistre 8.00
31C324 Heavenly Blue, on Bridal Veil-Heavenly Blue Seedling 4.00		31C356 Highland Laddie Perla
31C325 Heavenly Blue Byron L. Smith		31C357 Honeydew Dainty Queen 6.00
31C326 Heavenly Blue Daintiness		31C358 Honeydew Serrata 6.00
31C327 Heavenly Blue Dr. Neely		31C359 Honeydew Yellow Orchid
31C328 Heavenly Blue Duchess of York 5.00		31C360 Impresario Capt. Kidd
31C329 Heavenly Blue Florence		31C361 Impresario Dainty Queen 6.00
31C330 Heavenly Blue Glory 5.00		31C362 Impresario Ensemble
31C331 Heavenly Blue Heliotrope		31C363 Impresario Golden Glory 6.00
31C332 Heavenly Blue Jubilee 10.00		31C364 Impresario, on Impresario- The Orchid Seedling
31C334 Heavenly Blue Kasson 8.00		31C365 Impresario, on Impresario- Heavenly Blue Seedling.... 4.00
31C335 Heavenly Blue Kirchoffs New Violet		31C366 Impresario Sulphur Glow
31C336 Heavenly Blue Lady Jane Grey		31C367 Impresario Yellow Orchid 10.00
31C337 Heavenly Blue Lois Marie		31C368 Impressive Dignity 8.00
31C338 Heavenly Blue Mona Lisa 8.00		31C369 Impressive Jessie 8.00
31C339 Heavenly Blue Noege		31C370 Impressive Pink Cloud 6.00
31C340 Heavenly Blue Opalescent 4.00		31C371 Inspiration Bill Sowden
31C341 Heavenly Blue Orchid Lady		31C372 Interlude Dainty Queen
31C342 Heavenly Blue Rev. Ewbank 4.00		31C373 Ivanhoe Draco-Glorioso
31C343 Heavenly Blue Rozan		31C374 Ivanhoe Marcella
31C344 Heavenly Blue Saphir		31C375 Ivanhoe Obelisque
		31C376 Ivanhoe Spirit of St. Louis

	25 Seeds		25 Seeds
31C377 Iwa Marioland	4.00	31C409 Krimhilde Dignity	8.00
31C378 James Dunlop Illuminator	2.00	31C410 Krimhilde Lois Marie	6.00
31C379 Jas. Wm. Kelway Karl Volkert		31C411 Krimhilde Peep O Day	
31C380 Jas. Wm. Kelway Millionaire	2.00	31C412 Krimhilde Panope	6.00
31C381 Jessie Giant Nymph	6.00	31C413 Krimhilde Tritoma	4.00
31C382 Jessie Peep O Day		31C414 Lacinatus Allure	6.00
31C383 Jessie Sulphur Glow	6.00	31C415 Lacinatus Viola Bird	
31C384 John Toland Allen V. Bunce	4.00	31C416 Laciniated, Seedling Allure	
31C385 John Toland Rubini	4.00	31C417 Laciniated Aquila	6.00
31C386 John Toland Salmon Glow	5.00	31C418 Laciniated Ensemble	
31C387 John Toland Sunnymeade		31C419 Laciniated Dainty Queen	6.00
31C388 J. S. Wallace Lois Marie	6.00	31C420 Laciniated Fiambriatus	6.00
31C389 Jona. Trevelthick Cologn Gold	8.00	31C421 Laciniated, on Fiambriatus- Laciniated Seedling	
31C390 Jona. Trevelthick Dorothy Vernon	6.00	31C422 Laciniated Impresario	6.00
31C391 Jona. Trevelthick Elizabeth		31C423 Laciniated Golden Glory	
31C392 Jona. Trevelthick Gold		31C424 Laciniated, on Laciniated- Golden Glory Seedling	4.00
31C393 Jona. Trevelthick Gold Eagle	8.00	31C425 Laciniated Littlejohn	
31C394 Jona. Trevelthick Golden Dream		31C426 Laciniated Mrs. Calvin Coolidge	
31C395 Jubilee Queen Mary (M)		31C427 Lady Byng Ladybird	
31C396 Karl Volkert Lois Marie	6.00	31C428 Lady Byng Krimhilde	4.00
31C397 Karl Volkert Sunshine Glow	4.00	31C429 Ladybird Colbert	8.00
31C398 Karl Volkert Superba	2.00	31C430 Ladybird Unusual	6.00
31C399 Kelways Masterpiece Marioland	4.00	31C431 Lady Vanhorn Altamura	
31C400 King Arthur Sulphur Glow		31C432 Lady Vanhorn Lois Marie	
31C401 Kingsford Smith A. B. Kunderd		31C433 Lady Vanhorn Tritoma	4.00
31C402 Kingsford Smith Bill Sowden	10.00	31C434 Lady Jane Grey Fontaine	4.00
31C403 Kingsford Smith Lilydale	10.00	31C435 Lady Jane Grey Olive Goodrich	4.00
31C404 Kingsford Smith Stuttgardia		31C436 Le Habitant The Emir	2.00
31C405 Kirchoffs New Violet Alt Wien		31C437 Lilydale Commander Koehl	
31C406 Kirchoffs New Violet Ave Maria		31C438 Lilydale Mona Lisa	
31C407 Kirchoffs New Violet Heavenly Blue		31C439 Lilydale Red Lory	10.00
31C408 Krimhilde A. B. Kunderd		31C440 Lilydale Silversheen	

	25 Seeds		25 Seeds
31C441 Langport Scarlet Chateau Thierry	..... 2.00	31C473 Lois Marie Apricot Glow	
31C442 Langport Scarlet Commander Koehl		31C474 Lois Marie Avalon (K)	6.00
31C443 Langport Scarlet Crimson Glow		31C475 Lois Marie Her Majesty	
31C444 Langport Scarlet Graff Zeppelin	8.00	31C476 Lois Marie Mrs. Dr. Norton	
31C445 Langport Scarlet Roald Amundson		31C477 Lois Marie Pink Lily	
31C446 Langport Scarlet Rose Mist		31C478 Lois Marie Selina	5.00
31C447 Langport Scarlet Scarlet Bedder		31C479 Lois Marie Sulphur Glow	
31C448 Langport Scarlet Triumphator		31C480 Loyalty Adagio	
31C449 Langport Scarlet Scarlet		31C481 Loyalty Cologn Gold	8.00
31C450 Land O' Lakes Mrs. C. M. Vosburg		31C482 Loyalty Golden Dream	8.00
31C451 Land O' Lakes Peach Rose		31C483 Loyalty Sulphur Glow	6.00
31C452 La Paloma Ada de Poy	4.00	31C484 L'Unique Giant Nymph	6.00
31C453 La Paloma Gay Hussar	4.00	31C485 L'Unique John Toland	
31C454 La Paloma John Toland	4.00	31C486 Melody Buddy Worden	2.00
31C455 La Paloma Ming Toy	4.00	31C487 Mibloom Sunshine Glow	
31C456 Lavender Bride Monte Carlo		31C488 Minuet Aida	
31C457 Lavender Bride Seattle		31C489 Minuet Anna Eberius	5.00
31C458 Libelle Aida		31C490 Minuet Dignity	
31C459 Libelle Anna Eberius		31C491 Minuet Libelle	
31C460 Libelle Annie Laurie		31C492 Miss Joy Altamura	
31C461 Libelle Ave Maria		31C493 Miss Joy California	4.00
31C462 Libelle Baron J. Hulot	10.00	31C494 Miss Joy Fontaine	5.00
31C463 Libelle Daintiness		31C495 Miss Joy Rose Precose	4.00
31C464 Libelle Elizabeth	10.00	31C496 Monte Carlo Adagio	6.00
31C465 Libelle Heavenly Blue	10.00	31C497 Monte Carlo Flossie	
31C466 Libelle Minuet		31C498 Monte Carlo Giant Myrtle	
31C467 Libelle Mona Lisa		31C499 Monte Carlo John Toland	6.00
31C468 Libelle Rev. Ewbank		31C500 Monte Carlo Lois Marie	
31C469 Libelle Sovereign		31C501 Monte Carlo Marietta	
31C470 Libelle Queen Mary (M)		31C502 Monte Carlo Miss Joy	6.00
31C471 Littlejohn A. E. Kunderd	8.00	31C503 Monte Carlo Nixie	
31C472 Littlejohn Rosalind	8.00	31C504 Monte Carlo Salmon Plume	6.00

	25 Seeds		25 Seeds
31C505	Mrs. Calvin Coolidge	31C537	Orange Smoke
	Lady Byng		Sacajawea 4.00
31C506	Mrs. Calvin Coolidge	31C538	Oosalin
	Norwood		Adagio 6.00
31C507	Mrs. Calvin Coolidge	31C539	Oosalin
	Olive Goodrich 4.00		Gertrude Errey 6.00
31C508	Mrs. Calvin Coolidge	31C540	Oosalin
	Patricia Carter 4.00		Monte Carlo 6.00
31C509	Mrs. Calvin Coolidge	31C541	Oosalin
	Sunkist Fairy 5.00		Mrs. S. A. Errey 8.00
31C510	Mrs. G. T. Malthouse	31C542	Oosalin
	Crinkles 8.00		Rita Phillips 10.00
31C511	Mrs. G. T. Malthouse	31C543	Our Selection
	Gertrude 10.00		A. B. Kunderd 8.00
31C512	Mrs. G. T. Malthouse	31C544	Our Selection
	Gladys		Costa Rica 8.00
31C513	Mrs. G. T. Malthouse	31C545	Our Selection
	Mona Lisa		Red Lory
31C514	Mrs. G. T. Malthouse	31C546	Paul Pfitzer
	Waneta 8.00		Anna Eberius
31C515	Mrs. Leon Douglas	31C547	Paul Pfitzer
	Desdamona		Violet Beauty
31C516	Mrs. P. W. Sisson	31C548	Pelegrina
	Stuttgardia 6.00		Baron J. Hulot 15.00
31C517	Mrs. S. A. Errey	31C549	Pelegrina
	Apricot Glow 10.00		Heavenly Blue
31C518	Mrs. S. A. Errey	31C550	Panope
	Afterglow		Lois Marie
31C519	Mrs. S. A. Errey	31C551	Panope
	Dorine 8.00		Tempa
31C520	Mrs. S. A. Errey	31C552	Pfitzers Triumph
	Gloriana		Apricot Glow
31C521	Mrs. S. A. Errey	31C553	Pfitzers Triumph
	Lady Byng		Barbara Phillips 10.00
31C522	Mrs. S. A. Errey	31C554	Pfitzers Triumph
	Miss Joy 8.00		Impressive
31C523	Mrs. S. A. Errey	31C555	Pfitzers Triumph
	Rita Phillips 10.00		James Dunlop
31C524	Mrs. S. A. Errey	31C556	Pfitzers Triumph
	Triumphator		Jubilee
31C525	Mrs. S. A. Errey	31C557	Pfitzers Triumph
	Salmon Plume		Pink Cloud
31C526	Mrs. Van Konyenburg	31C558	Pfitzers Triumph
	Opalescent 4.00		Red Lory
31C527	Nixie	31C559	Pfitzers Triumph
	Trudle Grotz		Scarlet Bedder
31C528	Nixie	31C560	Pfitzers Triumph
	Rose Tint		Scarlet Princeps
31C529	Noege	31C561	Pfitzers Triumph
	Dr. Neely		Stuttgardia
31C530	Obelisque	31C562	Pfitzers Yellow Wonder
	Sunshine Glow 2.00		Bonny Jean
31C531	Obelisque	31C563	Pfitzers Yellow Wonder
	Seattle		Crown of Gold 6.00
31C532	Olive Goodrich	31C564	Pfitzers Yellow Wonder
	Elizabeth 6.00		Kunderds Yell. Wonder 6.00
31C533	Orange Delight	31C565	Pfitzers Yellow Wonder
	Allure		Monte Carlo
31C534	Orange Delight	31C566	Phaenomen
	Buddy Worden 4.00		Patrica Carter
31C535	Orange Delight	31C567	Phaenomen
	Fairy Lantern 4.00		Buddy Worden
31C536	Orange Delight		
	Sunkist Fairy 4.00		

PICARDY

EMILE AUBRUN ON APRICOT GLOW

For once, with an exceptionally outstanding new variety, we are enjoying the unique experience of knowing what the parentage is. This knowledge offers opportunity for intelligent work and there need be no groping around in the dark and uncertainty in the development of seedlings produced from it.

We will replace, dollar for dollar in seed, your choice, from future catalogs, any unsatisfactory seedlings produced from any of these first Picardy crosses. We give a written guarantee on all of this Picardy seed the same as we do with all of our hand pollinated seedling bulbs.

\$1.00 PER SEED

31C568	Picardy, on A. B. Kunderd	31C591	Picardy Rose Glory
31C569	Picardy Alton	31C592	Picardy Santa Maria
31C570	Picardy Barbara Phillips	31C593	Picardy Salmon Glow
31C571	Picardy Bill Sowden	31C594	Picardy Silversheen
31C572	Picardy Commander Koehl	31C595	Picardy Stuttgardia
31C573	Picardy Director	31C596	Picardy Sweet Rose
31C574	Picardy David	31C597	Picardy Tancrède
31C575	Picardy Gen. Maistre	31C598	Picardy Queen Mary (M)
31C576	Picardy Geo. Megerney	31C599	Apricot Glow, on Picardy
31C577	Picardy Gertrude	31C600	Big Nan Picardy
31C578	Picardy Giant Nymph	31C601	Bill Sowden Picardy
31C579	Picardy Harry Green	31C602	Cecil Picardy
31C580	Picardy Illuminator	31C603	Century Picardy
31C581	Picardy Inspiration	31C604	Director Picardy
31C582	Picardy Jubilee	31C605	Dr. Moody Picardy
31C583	Picardy Kingsford Smith	31C606	Emile Aubrun Picardy
31C584	Picardy Marocco	31C607	Gertrude Picardy
31C585	Picardy Mrs. P. W. Sisson	31C608	Geo. Megerney Picardy
31C586	Picardy Nixie	31C609	Iwa Picardy
31C587	Picardy Our Selection	31C610	Lilydale Picardy
31C588	Picardy Pink Cloud	31C611	Mrs. P. W. Sisson Picardy
31C589	Picardy Red Lory	31C612	Mrs. G. T. Malthouse Picardy
31C590	Picardy Richard Diener		

PICARDY
EMILE AUBRUN ON APRICOT GLOW

(Continued)

31C613	Our Selection Picardy	25 Seeds	31C616	Tancrede Picardy	25 Seeds
31C614	Red Lory Picardy		31C617	Tsarine Picardy	
31C615	Rita Phillips Picardy		31C618	Stuttgardia Picardy	
31C619	Pyrean Gladdie Boy		31C643	Rita Phillips Queen Mary (M)	
31C620	Pyrean Mrs. Calvin Coolidge		31C644	Rita Phillips Stuttgardia	10.00
31C621	Pyrean Yellow Orchid	10.00	31C645	Roald Amundson Flaming Sword	
31C622	Purple Glory Arabia		31C646	Roald Amundson Scarlet Bedder	
31C623	Purple Glory Anna Eberius	5.00	31C647	Rosalind Exquisite	
31C624	Queen Mary (M) Giant Nymph		31C648	Rosalind Fuchsia	
31C625	Queen Mary (K) Henry C. Goehl	4.00	31C649	Rose Glory Bordeaux	2.00
31C626	Queen Mary (K) Magic		31C650	Rose Mist Emile Aubrun	
31C627	Unusual Colbert	8.00	31C651	Rose Mist Scarlet Bedder	
31C628	Radiant Orange John Toland	2.00	31C652	Rozan Anna Eberius	
31C629	Radiant Orange Lois Marie		31C653	Rozan Opalescent	
31C630	Radiant Orange Rubini	2.00	31C654	Rozan Panope	
31C631	Red Lory Erica Morini	8.00	31C655	Rozan Peep O Day	
31C632	Red Lory Gertrude		31C656	Rubini Karl Volkert	2.00
31C633	Red Blotch Seedling, Self Henry C. Goehl	2.00	31C657	Sacajawea Prince of India	
31C634	Remus Bonny Jean		31C658	Salmon Glow Rubini	4.00
31C635	Remus Prim L.	2.00	31C659	Salmon Glow Winnefred	4.00
31C636	Rita Phillips Apricot Glow	10.00	31C660	Saphir Arabia	
31C637	Rita Phillips Bittersweet	10.00	31C661	Saphir Blue Danube	
31C638	Rita Phillips Colbert	10.00	31C662	Schenectady Buddy Worden	
31C639	Rita Phillips Crinkles		31C663	Schenectady John Toland	6.00
31C640	Rita Phillips Elizabeth	10.00	31C664	Schenectady Monte Carlo	8.00
31C641	Rita Phillips Gertrude		31C665	Seattle Sunshine Glow	
31C642	Rita Phillips Graff Zeppelin	10.00	31C666	Selina Bubbles	

	25 Seeds		25 Seeds
31C667 Serrata		31C699 Tancrede	
Dainty Queen		Pink Cloud	8.00
31C668 Silver Dart		31C700 Tancrede	
Tempa		Tsarine	8.00
31C669 Spirit of St. Louis		31C701 The Emir	
Lois Marie		Prince of Wales	2.00
31C670 Spirit of St. Louis		31C702 The Aristocrat	
Monte Carlo		Krimhilde	
31C671 Star Lily		31S703 The Orchid	
Crown of Gold		Capt. Kidd	8.00
31C672 Stuttgardia		31C704 The Orchid	
Bill Sowden		Dainty Queen	6.00
31C673 Stuttgardia		31C705 The Orchid	
Dream		Golden Glory	6.00
31C674 Stuttgardia		31C706 The Orchid	
Hermes		Littlejohn	10.00
31C675 Stuttgardia	6.00	31C707 Tritoma	
Nixie		Altamura	
31C676 Stuttgardia		31C708 Tritoma	
Red Fire		Bubbles	2.00
31C677 Stuttgardia		31C709 Tritoma	
Scarlet Glory		Buddy Worden	2.00
31C678 Stuttgardia		31C710 Tritoma	
Tutanekai		Coral Queen	
31C679 Sulphur Frills		31C711 Tritoma	
Ensemble		Dr. A. C. Hansen	2.00
31C680 Sulphur Frills		31C712 Tritoma	
Rosalind		Lady White	2.00
31C681 Sulphur Glow		31C713 Tritoma	
Mistland Lassie		Sunshine Glow	2.00
31C682 Sunshine Glow		31C714 Triumphator	
Dr. A. C. Hansen		Gladness	
31C683 Sunshine Glow		31C715 Triumphator	
Obelisque		Illuminator	4.00
31C684 Sunshine Glow		31C716 Triumphator	
Phaenomen		Karl Volkert	
31C685 Sunshine Glow	2.00	31C717 Triumphator	
Seattle		Rubini	4.00
31C686 Sunshine Glow		31C718 Troubadour	
Triumphator		Anna Eberius	
31C687 Svengali		31C719 Troubadour	
Arbutus		Gettysburg	
31C688 Svengali		31C720 Troubadour	
Dr. A. C. Hansen		Goliath	
31C689 Svengali		31C721 Troubadour	
Fuchsia	4.00	Marioland	
31C690 Svengali		31C722 Troubadour	
Karl Volkert		Violet Beauty	6.00
31C691 Svengali		31C723 Trudle Grotz	
Kiva		Alton	5.00
31C692 Svengali		31C724 Trudle Grotz	
Millionaire	4.00	Antonia Antonette	5.00
31C693 Svengali		31C725 Trudle Grotz	
Rubini	4.00	Avalon (K)	
31C694 Svengali		31C726 Trudle Grotz	
Rosalind		Barbara Phillips	10.00
31C695 Svengali		31C727 Trudle Grotz	
Salmon Glow		Frank J. McCoy	
31C696 Sweetheart		31C728 Trudle Grotz	
Obelisque		Gertrude	
31C697 Tancrede		31C729 Trudle Grotz	
Crinkles	8.00	Geo. Megerney	10.00
31C698 Tancrede		31C730 Trudle Grotz	
Costa Rica		Giant Nymph	8.00

	25 Seeds		25 Seeds
31C731	Trudle Grotz	31C746	Veilchenblau
	Kunderdii Glory		Glory
31C732	Trudle Grotz	31C747	Veilchenblau
	Mrs. S. A. Errey		Kasson
31C733	Trudle Grotz	31C748	Veilchenblau
	Nixie		Mona Lisa
31C734	Trudle Grotz	31C749	Veilchenblau
	Orange Queen		Avalon (K)
31C735	Trudle Grotz	31C750	Viola
	Pink Cloud		Alt Wien
31C736	Trudle Grotz	31C751	Viola
	Red Lory		Ave Maria
31C737	Tsarine	31C752	Viola
	Colbert		Blue Danube
31C738	Tsarine	31C753	Viola
	Giant Nymph		Libelle
31C739	Tsarine	31C754	Viola
	Mona Lisa		Heavenly Blue
31C740	Tsarine	31C755	Violet Beauty
	Tancrede		Herada
31C741	Tutanekai	31C756	Wedgewood
	John T. Pirie		Tsarine
31C742	Veilchenblau	31C757	Yellow Orchid
	Avalon (Kemp)		Dainty Queen
31C743	Veilchenblau	31C758	Yellow Orchid
	Costa Rica		Fiambratius
31C744	Veilchenblau	31C759	Yellow Orchid
	Daintiness		Serrata
31C745	Veilchenblau	31C760	Yellow Perfection
	Dr. Elkins		Remus

1931 SELF POLLINATED GLADIOLUS HYBRID SEED IN MIXTURE

Evolution is a series of steps by which a germ or a rudimentary part becomes an adult organism or a fully developed part. With the gladiolus enthusiast, first of all it is a case of love at first sight, then the acquisition of a number of bulbs, usually a mixture, then a longing for a more orderly accumulation with emphasis placed upon personal likes and preference of colors, types and forms, then the growing of them to their utmost perfection to win ribbons and prizes in exhibitions. Arrived at this point he finds the gladiolus offers still wider and more interesting experiences that will become very intimate and personal as he plants the seed which is easily grown into bulbs and bulblets the first year and these coming into bloom the second year will offer something entirely new and different from anything he has had before. This discovery leads to the desire to create seedlings that will surpass varieties already in existence and even if the everpresent possibility is not realized at once, the growing of gladiolus seed will supply a far greater and more frequent number of thrilling and fascinating experiences than that of any other known flower.

Gladiolus seed is divided into two classes—self pollinated and hand pollinated. The first is produced in the open field where nature's agencies have cross pollinated the flower. Fine specimens do not appear as frequently as from hand pollinated seed and larger quantities must be planted for good results.

Our collection of gladiolus from originators from all over the world consists of over 700 named varieties. Practically every color, form and type of hybrid gladiolus and many species is represented in this collection. It is from this exceptionally large number of named varieties that we gather our self pollinated gladiolus seed. The inter crossing of these many different varieties by nature's agencies will produce a vastly superior quality of self pollinated gladiolus seed than can be produced from a smaller collection or of one originator or strain alone.

If gladiolus seed is planted early, in flats with a wire screen bottom and these sunk into the ground outdoors when warm weather arrives, bloom may

easily be had the first year from seed.

1 Packet of 1000 Seeds	\$.75
3 Packets of 1000 Seeds Each	2.00
6 Packets of 1000 Seeds Each	3.75

1931 SELF POLLINATED PRIMULINUS HYBRID SEED IN MIXTURE

The same as self pollinated gladiolus hybrid seed.

PEDIGREED UNBLOOMED HAND POLLINATED SEEDLING BULBS OF 1930 CROSSES

We do not carry over any gladiolus seed from year to year. Each year we grow into bulbs all the seed that remains in our hands. In our 1931 catalog we were able to offer hand pollinated gladiolus seed from 403 crosses—this year we can offer only 151 crosses in the form of bulbs grown from the 1931 seed remaining in our possession April first last year.

Many of our patrons order crosses made of varieties they are especially interested in, others buy the seed offered in our catalog and have us grow it into bulbs for them, our charge for this service is very reasonable, subject to adjustments to fit the situation and is a matter of individual correspondence and agreement.

In growing the seed into bulbs our methods of production are rather more expensive again because we grow all of our seed under special heavy impervious paper mulching, this control of heat and moisture content in the soil produces bulbs and bulblets that will display what is contained in them the first time they bloom, an item well worth the extra cost of production.

We do not know—no one knows—what is contained in these unbloomed bulbs. To protect our patrons we give a written guarantee with each purchase of these unbloomed hand pollinated seedling bulbs.

All bulbs are true to cross, high crowned, full of life and disease free.
Cultural instructions included with each order.

All orders delivered prepaid.

Cash with order. No orders accepted for less than \$1.00.

No unbloomed seedling bulbs for sale after May first.

It is understood that all originator's credit, rights and claims on any outstanding specimens produced from our gladiolus seed and unbloomed seedling bulbs, pass on automatically to the purchaser of this seed and bulbs. We reserve no claim whatsoever on any outstanding specimens. The purchaser secures all these rights, the right to name, disposition of same, by the purchase of the seed and bulbs.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order. Please order by number and name.

30C3	Adair on Fluffy Ruffles	30C19	Amethyst-Loella
	6s, \$.25		4s, \$.75; 5s, \$.50; 6s, \$.25
30C5	Adair-Laciniated (Seedling)	30C20	Amethyst-Rose Tint
	4s, \$.50; 5s, \$.25		5s, \$.50
30C6	Aflame-J. Elton Carter	30C21	Amethyst-The Flirt
	4s, \$.50; 5s, \$.25; 6s, \$.15		5s, \$.50; 6s, \$.25
30C8	Aida-Berty Snow	30C24	Angels Dream-Miss Joy
	3s, \$1.00; 4s, \$.75; 5s, \$.50;		3s, \$.75; 4s, \$.50; 5s, \$.25;
	6s, \$.25		6s, \$.15
30C9	Aida-Damascus	30C31	Apricot Glow-Pitzers Yellow
	4s, \$.50; 5s, \$.25; 6s, \$.15		Wonder
30C12	Aida-Viola		5s, \$.50; 6s, \$.25
	4s, \$.15; 5s, \$.125; 6s, \$1.00	30C33	Aquila-Bridal Veil
30C15	Alt Wien-Daintiness		5s, \$.50; 6s, \$.25
	3s, \$.125; 4s, \$.100; 5s, \$.75;	30C36	Aquila-Pirrot
	6s, \$.50		6s, \$.25
30C17	Amethyst-Damascus	30C43	Badenia-Emile Aubrun
	5s, \$.50; 6s, \$.25		5s, \$.50

30C45	Badenia-Jubilee 5s, \$1.25; 6s, \$1.00	30C132	Gertrude Errey-Jubilee 4s, \$1.50; 5s, \$1.25; 6s, \$1.00
30C46	Badenia-Kirchoffs New Violet 5s, \$.75; 6s, \$.50	30C134	Gertrude Errey-King Pearl 4s, \$.75; 5s, \$.50
30C54	Berty Snow-Fay Lanphier 4s, \$.50; 5s, \$.25; 6s, \$.15	30C135	Gertrude Errey-Mme. E. Decisy 4s, \$.75; 5s, \$.50; 6s, \$.25
30C57	Berty Snow-Pfitzers Yellow Wonder 4s, \$.75; 5s, \$.50; 6s, \$.25	30C136	Gertrude Errey-Osalin 5s, \$.50
30C59	Bridal Veil-Chalice Flower 5s, \$.50; 6s, \$.25	30C138	Gertrude Errey-Wm. G. Badger 4s, \$.75; 5s, \$.50; 6s, \$.25
30C62	Bridal Veil-Sulphur Frills 5s, \$.50; 6s, \$.25	30C141	Golden Dream-Loyalty 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
30C69	Century-Jubilee 5s, \$.125; 6s, \$1.00	30C142	Golden Frills-Yellow Butterfly 4s, \$.50; 5s, \$.25; 6s, \$.15
30C74	Copper Bronze-The Emir 4s, \$.50; 5s, \$.25; 6s, \$.15	30C143	Heavenly Blue-Amethyst 6s, \$.50
30C83	Daintiness-Viola 4s, \$.150; 5s, \$.125; 6s, \$1.00	30C146	Heavenly Blue-Berty Snow 5s, \$.75; 6s, \$.50
30C93	Dainty Queen-The Orchid 4s, \$.75; 5s, \$.50; 6s, \$.25	30C147	Heavenly Blue-Daintiness 3s, \$.175; 4s, \$.150; 5s, \$.125; 6s, \$.100
30C94	Damascus-Lavender Bride 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15	30C148	Heavenly Blue-Lavender Bride 3s, \$.125; 4s, \$.100; 5s, \$.75; 6s, \$.50
30C97	Dorine-The Emir 6s, \$.15	30C150	Heavenly Blue-Viola 6s, \$.100
30C98	Dorine-Toloa 6s, \$.15	30C151	Helen Phipps-Pearl of California 3s, \$.100; 4s, \$.75; 5s, \$.50; 6s, \$.25
30C99	Doro-Helen Phipps 3s, \$.100; 4s, \$.75; 5s, \$.50; 6s, \$.25	30C159	Horace-King George V 4s, \$.75; 5s, \$.50; 6s, \$.25
30C100	Doro-Loyalty 4s, \$.75	30C160	Horace-Orange Smoke 6s, \$.25
30C102	Dragon Lyonnaise-Oraflame 2s, \$.125; 3s, \$.100; 4s, \$.75; 5s, \$.50; 6s, \$.25	30C162	Horace-Wm. G. Badger 4s, \$.100; 5s, \$.75; 6s, \$.50
30C103	Drama-Mohamet 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15	30C166	Impresario-Fluffy Ruffles 5s, \$.50; 6s, \$.25
30C105	Dr. Moody-Berty Snow 5s, \$.75; 6s, \$.50	30C171	Impresario-The Orchid 6s, \$.50
30C106	Dr. Moody-Chalice Flower 4s, \$.100	30C172	Impresario-White Orchid 6s, \$.50
30C107	Dr. Moody-Jubilee 5s, \$.100	30C176	J. Elton Carter-Doro 4s, \$.75; 5s, \$.50; 6s, \$.25
30C109	Dr. Moody-Wm. G. Badger 3s, \$.125; 4s, \$.100; 5s, \$.75; 6s, \$.50	30C177	J. Elton Carter-The Flirt 5s, \$.50; 6s, \$.25
30C114	Etender-Mrs. Anna Krettner 4s, \$.50; 5s, \$.25; 6s, \$.15	30C178	Jas. Wm. Kelway-J. Elton Carter 5s, \$.50; 6s, \$.25
30C115	Fairy Diamond-Dorine 6s, \$.25	30C179	Jas. Wm. Kelway-Jas. Dunlop 4s, \$.75; 5s, \$.50; 6s, \$.25
30C117	Fay Lanphier-James Dunlop 5s, \$.15	30C180	Jas. Wm. Kelway-Mohamet 5s, \$.50; 6s, \$.25
30C118	Fay Lanphier-Juniata 2s, \$.100; 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15	30C181	Jas. Wm. Kelway-Dr. Nelson Shook 4s, \$.75; 5s, \$.50; 6s, \$.25
30C119	Fay Lanphier-Osalin 4s, \$.75; 5s, \$.50; 6s, \$.25	30C183	Jubilee-Doro 4s, \$.150; 5s, \$.125; 6s, \$.100
30C120	Fay Lanphier-Wm. G. Badger 4s, \$.75; 5s, \$.50; 6s, \$.25	30C185	Juniata-Angels Dream 4s, \$.75; 5s, \$.50; 6s, \$.25
30C122	Fiambratiuss-Dainty Queen 4s, \$.75; 5s, \$.50; 6s, \$.25	30C188	Kelways Masterpiece-The Flirt 5s, \$.50; 6s, \$.25
30C130	Frank J. McCoy-Miss Joy 4s, \$.100; 5s, \$.75; 6s, \$.50	30C189	Kelways Masterpiece-Toloe 6s, \$.25
30C132	Geo. Vitts-Mother Machree 4s, \$.150; 5s, \$.125; 6s, \$.100		

30C191	King George V-Mohamet	30C275	Olivar-Damascus
	5s, \$.50; 6s, \$.25		4s, \$1.00; 5s, \$.75; 6s, \$.50
30C201	Lacinatus-Marion Koch	30C277	Olivar-Metz
	6s, \$.25		6s, \$.50
30C205	Lacinated (Seedling)-	30C280	Oraflame-Apricot Glow
	Honeydew		4s, \$1.00; 5s, \$.75; 6s, \$.50
	6s, \$.25	30C282	Orange Delight-Fiambriatus
30C208	Laciniated-Marion Koch		4s, \$.75; 5s, \$.50; 6s, \$.25
	6s, \$.25	30C284	Orange Delight-Impresario
30C213	Ladybird-King George V		5s, \$.50; 6s, \$.25
	4s, \$.75; 5s, \$.50; 6s, \$.25	30C286	Orange Delight-The Orchid
30C214	Ladybird-Oraflame		5s, \$.50; 6s, \$.25
	5s, \$.50	30C287	Orange Delight-Yellow
30C216	Ladywhite-Cream Blush		Butterfly
	4s, \$.50; 5s, \$.25; 6s, \$.15		5s, \$.50; 6s, \$.25
30C218	Lady White-Miss Universe	30C288	Orange Smoke-Apricot Glow
	5s, \$.50; 6s, \$.25		4s, \$1.00; 5s, \$.75; 6s, \$.50
30C221	Lady Vanhorn-Jubilee	30C292	Osalin-Horace
	5s, \$.125		3s, \$1.00; 4s, \$.75; 5s, \$.50;
30C222	Lady Vanhorn-Pearl of		6s, \$.25
	California	30C293	Osalin-Krimhilde
	6s, \$.25		5s, \$.50; 6s, \$.25
30C224	Lavender Bride-Aida	30C295	Pearl of California-Cara Mia
	4s, \$1.00; 5s, \$.75; 6s, \$.50		4s, \$.75; 5s, \$.50; 6s, \$.25
30C226	Lavender Bride-The Emir	30C298	Pearl of California-Marion
	4s, \$.50; 5s, \$.25; 6s, \$.15		Koch
30C229	Lois Marie-Loyalty		3s, \$1.00; 4s, \$.75; 5s, \$.50;
	4s, \$1.00; 5s, \$.75; 6s, \$.50		6s, \$.25
30C230	Loyalty-Norma Talmadge	30C300	Pfitzers Triumph-Amethyst
	6s, \$.50		4s, \$1.00; 5s, \$.75; 6s, \$.50
30C231	Loyalty-Pfitzers Yellow Wonder	30C301	Pfitzers Triumph-Horace
	4s, \$1.00; 5s, \$.75; 6s, \$.50		3s, \$1.25; 4s, \$1.00; 5s, \$.75;
30C232	Mme. E. Decisy-Angels Dream		6s, \$.50
	5s, \$.50; 6s, \$.25	30C303	Pfitzers Triumph-Marnia
30C234	Mme. E. Decisy-Miss Joy		5s, \$.75; 6s, \$.50
	4s, \$.75; 5s, \$.50; 6s, \$.25	30C304	Pfitzers Yell. Wonder-Golden
30C235	Mme. E. Decisy-Tritoma		Dream
	4s, \$.75; 5s, \$.50; 6s, \$.25		6s, \$.50
30C236	Mohamet-Damascus	30C305	Pfitzers Yell. Wonder-Loyalty
	4s, \$.75; 5s, \$.50; 6s, \$.25		3s, \$1.25; 4s, \$1.00; 5s, \$.75;
30C237	Mohamet-Mother Machree		6s, \$.50
	4s, \$.150; 5s, \$.125; 6s, \$.100	30C306	Pfitzers Yell. Wonder-Radiant
30C240	Marioland-Pres. Harding		Orange
	5s, \$.50		5s, \$.75; 6s, \$.50
30C245	Marion Koch-Pearl of	30C319	Pyrean-The Orchid
	California		4s, \$.75; 5s, \$.50; 6s, \$.25
	4s, \$.75; 5s, \$.50; 6s, \$.25	30C320	Queen Louise-Mrs. F. C.
20C250	Marolee-Pearl of California		Hornberger
	4s, \$.75; 5s, \$.50; 6s, \$.25		4s, \$.75; 5s, \$.50; 6s, \$.25
30C251	Metz-Lavender Bride	30C321	Queen Mary (K)-Etenderd
	4s, \$.75; 5s, \$.50; 6s, \$.25		5s, \$.50; 6s, \$.25
30C255	Miss Joy-Lady White	30C322	Queen Mary (K)-Mrs. A.
	5s, \$.50; 6s, \$.25		Krettner
20C260	Miss Universe-30487, Yellow		4s, \$.75; 5s, \$.50; 6s, \$.25
	Seedling	30C323	Radiant Orange-The Emir
	4s, \$.50; 5s, \$.25; 6s, \$.15		4s, \$.50; 5s, \$.25; 6s, \$.15
30C261	Moorish King-The Flirt	30C326	Rosalind-The Flirt
	5s, \$.75; 6s, \$.50		4s, \$.75; 6s, \$.25
30C265	Mother Machree-Loella	30C327	Rozan-Doro
	5s, \$.125; 6s, \$.100		5s, \$.75; 6s, \$.50
30C266	Mother Machree-Rose Mulberry	30C328	Rozan-Helen Phipps
	3s, \$.175; 4s, \$.150; 5s, \$.125;		3s, \$.125; 4s, \$.100; 5s, \$.75;
	6s, \$.100		6s, \$.50
30C271	Mrs. W. B. Davis-Berty Snow	30C332	Rozan-Pearl of California
	4s, \$.75; 5s, \$.50; 6s, \$.25		4s, \$1.00; 5s, \$.75; 6s, \$.50

30C343 Sulphur Frills-The Orchid 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25	30C360 Tritoma-Krimhilde 4s, \$.50; 5s, \$.25
30C344 The Aristocrat-Mme. E. Decisy 6s, \$.25	30C361 Tritoma-Lady White 4s, \$.75; 5s, \$.50; 6s, \$.25
30C345 The Emir-Copper Bronze 4s, \$.50; 5s, \$.25; 6s, \$.15	30C362 Tritoma-Mme. E. Decisy 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
30C346 The Emir-Le Habitant 5s, \$.25; 6s, \$.15	30C363 Tritoma-Miss Joy 4s, \$.75; 5s, \$.50; 6s, \$.25
30C347 The Emir-Tiger 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15	30C366 Unusual-Ladybird 3s, \$.125; 4s, \$1.00; 5s, \$.75; 6s, \$.50
30C349 The Orchid-Dainty Queen 5s, \$.50; 6s, \$.25	30C367 Unusual-Rich and Rare 5s, \$.50; 6s, \$.25
30C350 The Orchid-Fiambrarius 4s, \$.75; 5s, \$.50; 6s, \$.25	30C369 Viola-Aida 2s, \$.20; 3s, \$.175; 4s, \$.150; 5s, \$.125; 6s, \$.100
30C351 The Orchid-Impresario 6s, \$.25	30C372 Viola-Berty Snow 4s, \$.100; 5s, \$.75; 6s, \$.50
30C353 The Orchid-Lacinatus 5s, \$.50; 6s, \$.25	30C375 Viola-The Orchid 4s, \$.100; 5s, \$.75; 6s, \$.50
30C359 Tritoma-Angels Dream 4s, \$.75; 5s, \$.50; 6s, \$.25	

UNBLOOMED SELF POLLINATED GLADIOLUS HYBRID SEEDLING BULBS IN MIXTURE

All of our self pollinated gladiolus hybrid seed in mixture was sold out last year. The bulbs under this heading are all 1929 and 1930 unbloomed stock. We dug all unbloomed seedlings, hand and self pollinated and everything has gone into this mixture. We haven't our usual supply and first come, first served.

No. 2 Bulbs	\$1.00 per dozen	12 dozen	\$10.00
No. 3 Bulbs .....	.75 per dozen	12 dozen	7.50
No. 4 Bulbs .....	.50 per dozen	12 dozen	5.00
No. 5 Bulbs .....	.25 per dozen	12 dozen	2.50

UNBLOOMED SELF POLLINATED PRIMULINUS HYBRID SEEDLING BULBS IN MIXTURE

We have none to offer this year.

GLADIOLUS BULBS

The unknown and complex parentage of the modern gladiolus makes the breeding of it quite a different proposition from other lines of animal or plant breeding where a pure ancestry or foundation is available or can be established.

To meet this situation, close relationships as of one originator, strain or location are to be avoided and varieties from originators from all over the world, widely separated and of distinctly different characteristics must be employed.

Our stock of named varieties is one of the largest and most representative to be found in the world. This comprehensive and necessary collection is used solely for the purpose of gladiolus seed production. The only bulbs we are offering are surplus stock and only those varieties listed with a price mark are for sale. Kindly do not ask for varieties without a price mark.

All bulbs are sound, disease free, up to size and true to name.

One dozen at the ten rate.

Cash with order. No orders accepted for less than \$1.00.

All orders delivered prepaid.

Adagio (Pfitzer) Apricot Orange	Each \$1.50
Adair (K) Soft Canary Yellow, Laciniated	
Adalina Patti (Keur) Royal Purple	
Ada de Poy (Salbach) Apricot Bronze	

Adaletta (Powell) Smoky	
Adeline Kent (D) Rose Pink	
A. E. Kunderd, Rich Salmon Rose	
Aflame (H) Rose to Flame Red	
Afterglow (Kemp) Salmon	
Ah (K) Apricot Pink	
Aida (Pfitzer) Dark Blue, Dark Red Blotch	
Ajax, A Fine New Red from England	
Albania (Kemp) One of the Best Whites .....	.05
Albatros (Pfitzer) White	
Albert 1st (Vilmorin) Fleshy White	
Ali (Hol) Lavender Blue	
Alice Tiplady (K) Orange Saffron, Prim. ....	.05
Allawah (Errey) Light Violet	
Allen V. Bunce (Bill) Orange Yellow	
Alone (Partain) Pocketed and Spurred Pink	
Allure (Stevens) Eosine Pink	
Altamura (D) Lilac Pink	
Alton (K) Finest Orange, Ruffled .....	.15
Alt Wien (Pfitzer) Light Blue	
American Beauty (D) American Beauty Rose, One Spike a Bouquet .....	.10
Amethyst (Aus) Lilac Rose	
Amoret (Kemp) Shrimp Pink	
Ancora (Kemp) Salmon	
Andreas Hofer (Pfitzer) Salmon Pink	
Angels Dream (Ellis) La France Pink	
Anna Eberius (D) Deep Rhodamine Purple, A Favorite .....	.05
Annie Laurie (Brown) Pink	
Anthony B. Kunderd (K) Cream and Pink, Ruffled .....	.10
Anthony Zonker (K) Salmon Rose	
Antonia Antonette (K) Salmon Rose	
Apache (N. Z.) Metallic Red and Orange Chrome	
Apex (Jonkheer) Rose Pink	
Apricot Glow (Palmer) Soft Apricot	
Aquila (K) Deep Cream, Laciniated	Each .75
Arabia (Hinkle) Dark Mahogany Red, Almost Black	
Arbutus (Coleman) Arbutus Pink	
Arcadia (K) Red	
Atherton (K) Deep Salmon Rose, Ruffled	
Austinette (Austin) Miniature, Pink, Laciniated	
Autumn Queen (Woodruff) Dark Cream .....	.05
Avalon (K) Blush White, Ruffled .....	.10
Avalon (Kemp) Pale Congo Pink	
Ave Maria (Pfitzer) Light Blue, Purple Blotch	
Badenia, Large Blue (Still the best of its color) Positively none for sale.	
Balboa (Br) Apricot Pink .....	.15
Barbara Phillips (Aus) Sepia Grey	
Baron J. Hulot (Lemoine) Dark Violet .....	.10
Baron Van Wijnbeyern (Alkenmade) Salmon Rose, Carmine Blotch	
Battle Creek (K) Deep Violet	
Beau Brocade (Kelway) Deep Lilac Flaked Purple	
Beauty's Queen (Neely) Rose Pink	
Bengal Tiger (Pratt) Looks Just Like Its Name .....	.10
Berty Mair (Mair) Mauve Pink	
Berty Snow (Mair) Soft Lilac Pink	
Best All (Alkmade) Salmon Rose, Red Blotch	
Betty (Mair) Coral, White Throat	
Betty Bales (Wright) Light Blue .....	.10
Betty Nuthall (Salbach) Coral Pink	
Beverly Mair (Mair) Lavender Pink	
Big Nan (Aus) Orange Scarlet	
Bill Sowden (Fallu) Large Deep Red	
Bittersweet (Baldwin) True Bittersweet Orange	
Bleeding Heart (Brown) Bright Pink	

Blenn (Bales) Light Pink	
Blue Danube (Pfizer) Amethyst Blue	
Blue Isle (K) Lilac Blue .....	.15
Blue Jacket (Metz) Reddish Blue	
Blue Lily (K) Light Violet Blue .....	.10
Blue Triumphant (Pfizer) Large China Blue	
Blushing Beauty (K) Blush Pink, Ruffled .....	.10
Bold Winner (Baldwin) Rose Doree	
Bordeaux (Alkemade) Wine	
Bonney Jean (Kemp) Orange Rufous	
Break O' Day (Bill) La France Pink .....	.05
Bridal Veil (Austin) Wonderful Creamy White, Heavily Ruffled	
Bright Wings (Neeley) Lavender Rose	
Bronze Beauty (Gage) Just What Its Name Implies	
Brooklands (Kelway) Rosy Scarlet	
Brown Wings (Horn.) Chocolate Brown	
Bubbles (D) Shrimp Pink	
Buckeye (K) Rose Pink, Ruffled .....	.10
Buddy Worden (Austin) Orange	
Burnt Wood (Farns) Its Name Describes It	
Butterboy (K) Buttercup Yellow, Prim. ....	.05
Byron L. Smith (K) Lavender Pink .....	.05
Caledonea (Mair) Salmon Pink, Dark Lines	
California (Kir) Deep Apricot	
California Giant (D) Mallow Pink	
Canberra (Errey) Pure Yellow	
Cara Mia (Miller) Clear Pink	
Cardinal Prince (K) Cardinal Red	
Carmelita (D) Salmon Flaked Steel Blue	
Carmen Sylvia (Decorah) A Good White	
Carminea (Mair) Tyrian Rose	
Carnival (Brown) Cream, Chocolate Veining	
Carolus Clusius (Velthuys) Fine Pink	
Carrick (Mair) Slaty Brown	
Capt. Boynton (Boynton) Brushed Bluish Lavender .....	.10
Capt. Kidd (McKibben) Red, Laciniated	
Casa Verduga (Shelley) Lavender	
Catalina (Br) Rose Pink .....	.10
Catherine Coleman (Coleman) La France-pink overlaid Geranium-pink....	.25
Cattleya (Pfizer) Soft Rosy Lilac	
Cecil (Mair) Salmon Scarlet, Yellow Blotch	
Centenari (Lemoine) Pink	
Century (Groff) Wonderful Lavender Pink	
Chalice Flower (K) Creamy Blush White, Ruffled	
Chalif (Coleman) Delicate Rose	
C. H. Moss (Goodrich) Rose	
Charles Berthier (Vil) Light Lilac, White Blotch	
Charles Dickens (Pfizer) Bright Radiant Purple .....	.25
Chateau Thierry (Vos) Orange Cerise .....	.10
Chas. Lindberg (Prestegard) Hermosa Pink	
Chosen Queen (Metzner) Cerise	
Colbert (Vilmorin) Carthamus Red	
Cologn Gold (Hol) Pure Golden Yellow	
Comet (K) Deep Golden Yellow, Laciniated .....	.25
Commander Koehl (Pfizer) Dark Scarlet Red	
Copper Bronze (K) Striking Coppery Bronze	
Copper Queen (Metz) Coppery Bronze	
Coral Queen (Kernine) Coral Pink	
Coronada (Briggs) Wonderful White, Purple Throat, Ruffled	Each 1.00
Corri (Houdehell) Orange Buff	
Coryphee (Pfizer) Soft Rose Pink	
Costa Rica (D) Clear Orchid, Ruffled .....	.15
Creatore (Bill) Salmon Pink	
Cream Beauty (Paton) Creamy White	

Crimson Glow (Betscher) Crimson .....	.10
Crinkles (K) Peach Blossom Pink, Ruffled .....	.25
Crown of Gold (Bill) Straw Yellow	
Daintiness (Errey) Mauve with Violet Blotch	
Dainty (K) White, Sulphur Yellow Throat, Laciniated	
Dainty Queen (McK) Shell Pink, Laciniated	
Damascus (Stevens) Argyle Purple	
David (Aus) Cherry Red	
David Prior (Mair) Orangy Scarlet	
Desdamona (Vilmorin) Smoky Old Rose	
Diana (Groff) Brilliant Rich Vermillion .....	.10
Dignity (Mair) Medium Rose	
Director (Crow) Deep Orchid, Darker Blotch	
Dorine (Kemp) Salmon Buff	
Doro (Burbank) Large Pink	
Dorothee (Vilmorin) Lilac	
Dorothy Vernon (Decorah) Marguerite Yellow .....	.25
Dragon Lyonnaise (Pillette) Double, Salmon Pink	
Dr. A. C. Hansen (Groff) Shrimp Pink	
Dr. Christ Martz (K) Light Red	
Dr. Elkins (K) White	
Dr. F. E. Bennett (D) Bright Scarlet .....	.15
Dr. John A. D. Mills (Gage) White Edged Pink	
Dr. Moody (Kinyon) Big Lavender	
Dr. Neely (K) Blushed White	
Dr. Nelson Shook (K) Deep Tyrian Rose, Ruffled	
Dr. W. Van Fleet (K) Delicate Rose Pink, Ruffled .....	.10
Drama (Pfitzer) Dark Violet Purple	
Dream (K) Salmon Red, Ruffled .....	.15
Duchess of York (Dames) Purple Blue .....	.25
Dusquesne (Vilmorin) Creamy White	
Early Sunrise (Velthuys) Salmon, Early .....	.25
E. B. Williamson (K) Mallow Purple, Prim .....	.05
E. J. Shaylor (K) Deep Rose, Ruffled .....	.05
Elena (Burbank) White	
Eleonora Duse (L) White to Flesh, Crimson Blotch	
Eldora (Kemp) Capucine Buff	
Elizabeth (Mair) Flesh Cream with Rose	
Elizabeth Tabor (Hinkle) An Early Pink, A Beauty .....	.05
Elora (Burbank) White Flushed Pink, Early .....	.05
Else Rose (D) Mallow Pink	
E. M. Boase (N. Z.) White, Creamy Throat	
Emile Aubrun (L) Slate Salmon	
Empress of India (Velthuys) Purple Red	
Ensign (Errey) Large Scarlet, White Blotch	
Erica Morini (Pfitzer) Orange Red	
Ettenderd (Lemoine) White, Red Blotch	
Ethel (Mair) Large White, Purple Blotch	
Europa (Pfitzer) Pure White	
Eve (N. Z.) Light Yellow, Flushed Pink	
Evelyn Kirtland (Austin) La France Pink, Very Pleasing .....	.05
Exquisite (K) Rose	
Fairy Diamond (Alk) Clear Red	
Fairy Lantern (Neely) Lavender Rose	
Faith (Kinyon) Lavender Blue	
Fallen Leaf (Metzner) Old Rose	
Fanny Crosby (Carpenter) Creamy White	
Fata Morgana (Pfitzer) Peach Blossom	
Faust (Mair) Mahogany Red	
Fay Lanphier (Williams) Coral Cerise	
Fern Kyle (K) Creamy White	
Fiambratus (K) Deep Cream, Laciniated	Each .50
Field Marshall (Mair) Eluish Slate	
Fiery Knight (Hopman) Vermillion	

Flaming Sword (Krelage) Vermillion	
Flaming Vale (K) Cardinal Red	
Florence (Vilmorin) Light Lilac	
Flossie (Carpenter) Rose Doree	
Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	
Fluva (Bill) Salmon	
Fontaine (Coleman) Peach Cream	
Forest Sprite (Austin) Scarlet	
Frank J. McCoy (Briggs) Large Salmon Pink	
Frau Gertrud Pfitzer (Pfizer) Light China Blue	
Frau Riska (Graetz) Large White	
Frederick Christ (D) La France Pink	
Frilled Felicity (Kir) Shrimp Pink, Frilled	
Fringes (Lem) Old Rose, Laciniated	
Fuchsia (Chriswell) Fuchsia Red	
Garden Beauty (K) White	
Gay Hussar (Salbach) Salmon Orange	
Gazelle (Metzner) Cerise	
Genesee (Davis) Large Yellow, Prim. ....	.05
Gen. Canby (Ellis) Deep Red	
Gen. Maistre (Lemoine) Brightest Scarlet	
Geo. Megerney (N. Z.) Bright Rose	
Geo. Vitts (Rugowski) Double, Pink, Red Throat	
Geraldine Farrar (D) Pale Lavender Violet	
Gertrude (Mair) Bluish Slate	
Gertrude Errey (Errey) Shell Pink	
Gettysburg (Decorah) Rich Velvety Carmine .....	.15
Giant Myrtle (K) Soft Rose Pink	
Giant Nymph (Coleman) Pink and Cream, Fine .....	.10
G. J. Mackay (N. Z.) Red, Ruffled	
Gladdie Boy (Bill) Grenadine Pink	
Gladness (Frietsch) Bright Scarlet	
Gladys (Mair) Orange Rose	
Gladys Clark (Carpenter) Soft Pink	
Glendale (Davis) Dark American Beauty Rose .....	.10
Gloriana (Bet) Salmon, Yellow Throat .....	.15
Glorious (K) Soft Cream, Ruffled .....	.15
Glory (K) Cream White	
Gloxinia (Pfizer) Creamy Yellow to Pink	
G. M. Hugh (N. Z.) Rosy Violet	
Gold (Decorah) Naphthalene Yellow .....	.05
Gold Elsie (Fischer) Pure Bright Yellow .....	.05
Gold Eagle (Austin) Early Clear Yellow	
Golden Anniversary (K) Fawn Yellow, Blush Pink	
Golden Dream (Gr) Tall Deep Yellow	
Golden Frills (K) Yellow, Prim. Ruffled	
Golden Glory (K) Rich Yellow, Ruffled .....	.15
Golden Measure (Kelway) Straw Yellow .....	.10
Golden Salmon (K) Golden Yellow	
Golden Snapdragon (K) Creamy White, A New Type, Intensely Ruffled	.05
Golden Swallow (Austin) Clear Soft Yellow, Ruffled .....	.05
Golden Wedding (Groff) Soft Orange	
Goldstone (Houdehell) Deep Rose	
Goliath (Velthuys) Deep Purple .....	.10
Graff Zeppelin (Pfizer) Orange Scarlet	
Great Heart (Stevens) Velvety Scarlet	
Halcyon (Bill) Rose Pink	
Halley (Velthuys) Salmon Pink .....	.05
Hampden (Aus) Salmon Pink	
Harbinger (Sanford) Burnt Orange	
Harry Green (Aus) Salmon Scarlet	
Hazel Shattuck (Metz) Cream Tinged Lavender Pink	
Heavenly Blue (Pfizer) Aniline Blue	
Helen Howard (Austin) Golden Buff, Flushed Coral	

Helen Phipps (P) La France Pink	
Heliotrope (Lemoine) Clear Deep Violet	
Henrich Kranzleiter (Pfitzer) Red	
Henry C. Goehl (Fischer) Blotched White	
Henry Ford (D) Immense Purple .....	.05
Herada (Austin) Clear Mauve .....	.10
Herbstzauber (Pfitzer) Orange Salmon	
Her Majesty (Chriswell) Lavender Pink	
Hermes (K) Deep Cherry Rose, Ruffled .....	.10
Highland Laddie (K) Peach Blossom Pink .....	.15
High Nye (Austin) Tall Slender Old Rose	
Hinemoa (New Zea) Deep Pink Flaked Chocolate and Crimson	
Hollyhock (K) White	
Honeydew (Decorah) Orange Yellow, Prim. Laciniated .....	.10
Horace (Vilmorin) Large Scarlet	
Hyacinth (Gilrey) Shell Pink	
Hyperian (K) Orange Scarlet, Laciniated	Each 1.00
Ida Van (K) Deep Salmon Red .....	.05
Illuminator (Hinkle) Carmine Red .....	.10
Imperator (Heemskirk) Large White	
Impresario (K) Light Clear Lemon Yellow, Laciniated	Each 1.00
Impressive (Alkemeade) Light Pink	
Improved Henry Ford (Ellis) Deep Purple	
Improved Martha Washington (Vaughan)	
Inspiration (Palmer) Shrimp Pink	
Interlude (K) Light Yellow, Laciniated	Each .50
Ivanhoe (Mair) White	
J. A. Carbone (D) Orange Salmon, Striped .....	.10
Jack London (D) Light Salmon Vermillion Stripes .....	.05
Jacoba Van Beyren (Heemskirk) Violet Self Color .....	.10
Jak Rasquin (Graetz) Dark Red	
James Dunlop (Mair) Orange Scarlet	
James Wm. Kelway (Kelway) Deep Self Crimson	
Jane Addams (Decorah) Soft Phlox Pink	
Jane McDowell (Baldwin) Large Rose Pink	
Janice (Carpenter) Pinkish Buff	
Jap Lady (Decorah) Bishop Purple, Extra Fine .....	.25
Jean du Tailles (Lemoine) Salmon	
J. Elton Carter (Goodrich) Fine Coral Red	
Jennie Lind (Decorah) Shrimp Pink .....	.10
Jessie (Mair) Deep Rose	
Jewell (Zeestratens) Light Salmon Pink, Prim. .....	.05
Joe Coleman (K) Red	
John Toland (Salbach) Peach Red	
John T. Pirie (K) Mahogany Brown .....	.10
Jonathan Trevelthick (N. Z.) Light Yellow	
Joy (K) Purest Flesh tinted Canary, Ruffled .....	.10
J. S. Wallace (Groff) Delicate Lavender	
Jubilee (Kemp) Large Vinaceous Lavender	
June Delight (K) Geranium Red, Ruffled .....	.10
Juniata (Kemp) Pure La France Pink	
Karl Volkert (Pfitzer) Salmon	
Katydid (Carpenter) Pink	
Kasson (K) Large Lavender Rose Pink, Ruffled .....	.15
Kelway's Masterpiece, Ruby Crimson	
King Arthur (Arenius) Mauve Lavender, Ruffled	
King George V (Mair) Dark Crimson, White Blotch .....	.25
King Pearl (Errey) White with Creamy Blotch	
Kingsford Smith (N. Z.) Light Yellow, Red Blotch	
Kirchoff's New Violet, Rich Violet	
Kirchoff's Violet, Rich Violet Purple	
Krimhilde (Pfitzer) Large Lilac Pink	
Kiva (Burbank) Yellow Pink	
Kunderdii Glory (K) Creamy Apricot, Ruffled .....	.10

Kunderd's Apple Blossom (K)	Apple Blossom, Ruffled	.15
Kunderd's Yellow Favorite (K)	Buttercup Yellow	
Kyle (Mair)	Rosy Lilac	
Lacinatus (K)	Rose Pink, Laciniated	.10
La Comete (Hol)	Blue, White Blotch	
La Couronne (Lemoine)	Cream, Red Blotch	
Ladybird (Paton)	Deep Pink, Many Open	
Lady Byng (Gilchrist)	Shell Pink	
Lady Esther (C)	Self Cream	
Lady Jane Grey (Hatch)	Cream Pink	
Lady Vanhorn (Groff)	Large Lavender	
Lady White (Umpleby)	Creamy White	
Land O' Lakes (Sommer)	Venetian Pink	
Langport Scarlet (Kelway)	Self Scarlet	
La Paloma (Duis)	Bright Vivid Orange	
Larkin Blue (Umpleby)	Light Blue	
Lauretta (Kemp)	Orange	
Lavender Beauty (K)	Pink Lavender, Laciniated	.35
Lavender Bride (Bride)	Grayish Lavender	
Lavandula Major (Hol)	Mauve Pink	
Leander (Errey)	Orange Salmon	
Le Habitant (Cousins)	Chamois Smoky	
Libelle (Pfitzer)	Heliotrope Blue	
Lilac Glory (K)	Soft Lilac Rose Pink, Ruffled	.15
Lilac Wonder (Hol)	Light Lavender	
Lila Rose (Errey)	Lilac Rose Pink	
Lilydale (Gilrey)	White	
Lily of Gold (K)	Rich Canary Yellow, Ruffled	
Little Bill (Bill)	Salmon Pink	
Littlejohn (Stevens)	Spectrum Red	
Locarno (Hutt)	Dark Rich Purple	
Loella (K)	Smoky Old Rose	
Lois Marie (N. Z.)	White Suffused Lavender Pink	
Longfellow (Decorah)	La France Pink	.25
Loriot (Vilmorin)	Salmon Pink	
Los Angeles (Houdeschell)	Shrimp Pink, The Cut and Come Again	
Gladiolus		.05
Louise (Wright)	Lavender	.15
Louis Hermon (Lemoine)	Yellow and Orange Red, Great Novelty	
Loyalty (Austin)	Large Fine Yellow	
Lucy Loring (Goodrich)	Pink	
L'Unique (Alk)	Attractive Clean Red	
Luxemburg (Vilmorin)	Coral Red	
Mable (Mair)	Milk White, Flaked with Lilac	
Mable Irving (Br)	Rosy Salmon	.10
Maiden's Blush (Gruellmans)	Flesh Pink, Prim.	.05
Magic (K)	Lavender Blue, Fine	.05
Mair (Mair)	Lavender	
Mammoth White (U. B. Co.)	Large White	
Mandalay (Stevens)	Eosine Pink	
Marcella (Kemp)	Coral Pink	
Marechal Fayolle (Lemoine)	Steel Blue	
Margaret Lewtas (Stockford)	Rose Lavender	
Marie Kunderd (K)	Delicate White, Early, Ruffled	.25
Marietta (Metzner)	Light Salmon	
Marioland (N. Z.)	Old Rose Smoky	
Marion Koch (Austin)	Deep Pink, Needlepoint Type	
Marjorie Gage (Gage)	White	
Marjorie Plantholt (Shearer)	Pink	
Marmora (Errey)	Lavender Grey	
Marnia (Kemp)	Grenadine Orange	
Marocco (Pfitzer)	Dark Almost Black	
Marolee (Carp)	Jasper Pink	
Marshall Foch (K)	Salmon Pink, Ruffled	.25

Mary Fennel (K) Light Lavender	
Mary Frey (Gelser) Lavender Pink, Ruby Blotch	
Mary Jane (K) Pink with Lavender Sheen	
Mary Pickford (K) Flower and Buds and Spike Delicate Creamy White....	.05
Masterpiece (K) American Beauty Rose, Ruffled .....	.10
Maurice Fuld (Gage) Rose Doree	
Maxwell Bruce (Aus) Orange Red	
Melody (K) Lemon Yellow	
Metz (Vilmorin) Violet Purple	
Mibloom (Stevens) White	
Millady Imogene (Austin) Pure White	
Millionaire (K) Velvety Crimson	
Ming Toy (K) Deep Buff, Yellow Throat, Prim. ....	.05
Minuet (Coleman) Wonderful Lavender, Early	
Miss China (Metz) Elegant Light Blue	
Miss Demure (Austin) White Pink Type	
Miss Joy (Farns) Fine Large Pink	
Miss Universe (K) Bright Red Tyrian Rose	
Mission Bells (Br) Orange Pink .....	.15
Mistland Lassie (Perrin) Lavender Pink	
Mme. Eugene Decisy (Gage) Large Congo Pink	
Mohamet (Stevens) Black Red	
Mona Lisa (K) Pale Soft Rose Pink, Ruffled .....	.15
Monarch of the Glen (Ellis) Red Salmon, Ruffled	
Monte Carlo (Petty) Cherry Orange	
Moorish King (Pfitzer) Dark Velvety Mahogany	
Mother Machree (Stevens) Sensational Smoky	
Mr. Mark (Velthuys) Light Blue .....	.10
Mr. W. H. Phipps (D) Rich Mellow Flesh Pink, Enormous Flowers	
Mrs. Anna Krettner (Umpleby) Creamy White	
Mrs. Calvin Coolidge (K) Salmon Pink	
Mrs. C. M. Vosburg (Goodrich) Pink	
Mrs. Dr. Hauff (Pfitzer) Bright Scarlet	
Mrs. Dr. Norton (K) Cream and Pink, One of the Most Beautiful .....	.10
Mrs. E. R. Kleitz (Gage) Rose Doree	
Mrs. F. C. Hornberger (H) Pure White	
Mrs. F. C. Peters (Fischer) Rose Lilac .....	.05
Mrs. Frank Pendleton (K) Pink, Red Blotch, In Great Demand .....	.10
Mrs. G. T. Malthouse (Mair) Mauve Lilac	
Mrs. G. W. Moulton (K) Violet Red	
Mrs. H. E. Bothin (D) Pink Scarlet Blotch .....	.10
Mrs. J. K. Armsby (D) Salmon Pink	
Mrs. John R. Walsh (D) Flesh Pink, Ruffled .....	.15
Mrs. Kr. Prestegard (Decorah) Pure Snow White .....	.25
Mrs. Laura S. Schweppe (K) Peach Pink	
Mrs. Leo Miller (Miller) Salmon Flame to Creamy Tint	
Mrs. Leon Douglas (D) Giant Begonia Rose .....	.15
Mrs. Newell Vanderbilt (D) Light Salmon Pink, Ruffled .....	.25
Mrs. P. W. Sisson (C) Large Pink .....	.15
Mrs. Ray P. Chase (Dr. Miller) A Fine New Pure White	Each 5.00
Mrs. Richard Lohman (D) Shell Pink	
Mrs. S. A. Errey (Errey) Orange, Orange Crimson Blotch	
Mrs. T. Rattray (Rattray) Rose Pink	
Mrs. Van Konyenburg (Pfitzer) Matchless Aniline Blue .....	.20
Mrs. W. B. Davis (Shelley) La France Pink	
Mrs. W. F. Olmstead (Kir) Tall Yellow	
Muriel (Pfitzer) True Lilac .....	.10
Mystic (K) Rose Pink	
Nabob (Metzner) Scarlet	
Nancy Hanks (Salbach) Apricot Orange	
Nautilus (Coleman) Shell Pink	
Netherland Prince (Stevens) Salmon Orange	
Newington (Aus) Cream	
Nixie (D) Jasper Pink	

Noege (Gage) White	
Norma Talmadge (Decorah) Clear Sulphur Yellow, Ruffled	.25
Norwood (Kemp) Coral Pink	
Obelisque (Gravereau) Cream Yellow	
Olivar (Errey) Violet Blue	
Olive Goodrich (Goodrich) Cream Pink	
Onega (K) Deep Lavender Rose, Ruffled	.15
Oneta (Kemp) Xanthine Orange	
Opalescent (Bill) Pale Rose Lavender	.05
Opal Long (Goodrich) Old Rose	
Oraflame (Kemp) Flame Orange	
Orange Delight (K) Bright Orange, Laciniated	Each .75
Orange Dream (Groff) Burnt Orange	
Orange Queen (Pfitzer) Copper Orange, Prim.	.20
Orange Smoke (Stevens) Bittersweet Orange	
Orange Wonder (Kemp) Self Orange	
Orchid Lady (Spencer) Clear Orchid Lavender	
Osalin (Salbach) Coral Pink	
Othello (Pfitzer) Violet Purple	
Our Selection (Aus) Salmon Red	
Pallas (Aus) White to Pale Lavender	
Panope (Errey) Pale Pink	
Paramount (K) Salmon Pink	
Patrica Carter (K) Shrimp Pink	
Paul Cambon (Lemoine) Coppery Red	
Paul Pfitzer (Pfitzer) Brilliant Velvety Purple	
Peach Rose (K) Rose Pink	
Pearl of California (Kingsley) La France Pink	
Peep O' Day (K) Blushed Pink on White Ruffled	.15
Pelegrina (Pfitzer) Dark Violet Blue	
Perla (Burbank) Cherry Crimson	
Pfitzer's Triumph, Giant Scarlet	
Pfitzer's Yellow Wonder, Fine Big Pure Yellow	
Phaenomen (Pfitzer) Pink Blend	
Picardy (Palmer) Shrimp Pink	
Pierrot (Fischer) Pure Pink	
Pink Cloud (K) Soft Rose Pink, Ruffled	.15
Pink Edge (Farns) White Pink Edge	
Pink Fringe (Lem) Daybreak Pink. Laciniated	
Pink Lily (K) Rose Pink, Ruffled	.15
Pinkie (Davis) Soft Pink	.05
Pink Ruffles (Miller) Deep Pink, Ruffled	
Pink Wonder (Kemp) La France Pink, Large Flowers	.05
Pippin (Bill) Eosine Pink	
Point Twain (Ellis) Large Pink	
Pola Negri (D) Apricot, Ruffled, Lovely	.15
President Harding (White) Soft American Beauty	
Pride of Wanaka (Chris) Lavender Rose	
Prim L (Stevens) Flesh Pink	
Prince Charming (K) Canary Yellow	
Prince of India (Childs) Mottled Old Rose	
Purple Glory (K) Velvety Maroon Red, Ruffled, A Winner	.15
Purple Perfection (Heemskirk) Purple	
Purple Queen (K) Violet Purple	
Purple Spot (K) Large Violet Red	.15
Purple Victory (Gilrey) Violet Purple	
Pyrean (K) Soft Canary Yellow, Laciniated	Each .50
Queen Esther (Metzner) Purple and Gold	
Queen Louise (Pfitzer) Pure White	
Queen Mary (Mair) Creamy, Edged Rose Pink	
Queen Mary (Kelway) White, Red Blotch	
Queen of Orange (K) Orange Red	
Queen of Somerset (Kelway) Pure White	

Queen of the Night (D) Deep Maroon	.25
Queen of the Reds (Tenant) Crimson	
Radiant Orange (Austin) Apricot Orange	
Rags (Davis) Light Yellow, Spidery-like Petals	
Red Copper (K) Deep Salmon Rose Flaked Blue	
Red Glory (Ellis) Red Ruffled	
Red Fire (K) Bright Red	
Red Lory (Errey) Orange Crimson	
Reflection (Goodrich) Grenadine Pink	
Remus (Haage) Maroon	
Rev. Ewbank (Velthuys) Light Blue, Fine	.10
Rich and Rare (Kelway) Crimson Splashed Deep Purple	
Richard Diener (D) Pale Geranium Pink. One of the Very Best	.15
Rita Beck (Fischer) Light Pink	
Rita Phillips (Aus) Apricot Salmon	
Roald Amundson (Prestegard) Spectrum Red	
Robert J. Kunderd (K) Vermillion Scarlet	
Roi Albert (L) Coppery Salmon and Crushed Strawberry	
Rosalind (K) Dark Aniline Red, Ruffled	.15
Rose 1910 (K) Rose Pink. Very Early	.05
Rose Ash (D) Ashes of Roses	.05
Rose Fringe (Miller) Rose Pink, Ruffled and Fringed	
Rose Glory (K) Rose Pink, Ruffled	.10
Rosemary (Bales) White, Lavender Rose Hairlines	
Rose Mist (Fischer) Light Red	.10
Rose Mulberry (Austin) Coral Pink and Violet	
Rose Tint (Neeley) Smoky Rose	
Rozan (Austin) Large Rose Tinted Pink	
Rubini (Van Deursen) Orange Scarlet	
Ruby (Kir) Ruby Red	
Ruby Gem (Petty) Ruby Red	
Ruffled America (K) American Beauty Rose, Ruffled	.05
Ruffled Beauty (K) American Beauty Violet, Ruffled	.25
Ruffled Gold (Goodrich) Golden Yellow, Ruffled	
Ruffled Splendor (K) Deep Salmon Rose Pink, Ruffled	
Ruffolace (Kemp) White, Ruffled and Laciniated	
Ruth Huntington (K) Violet Lilac, Ruffled	.15
Salbach's Pink (Salbach) Geranium Pink	
Salmon Glow (Horn.) Orange Scarlet	
Salmon Plume (K) Clear Salmon Flesh, Ruffled	.20
Santa Barbara (Briggs) Cream Tinted Pink	
Santa Maria (Br) Scarlet Prim.	.15
Saphir (Lemoine) Rich Blue	
Scarlet (Burbank) Salmon Scarlet	
Scarlet Bedder (Salbach) Scarlet	
Scarlet Glory (K) Rich Red, Distinct Shade, Ruffled	.15
Scarlet Princeps (K) Intense Scarlet	.10
Scarlet Wonder (Cowee) Scarlet	
Scarlet Wonder (Groff)	
Scarsdale (Cowee) Magenta	
Schenectady (Stevens) Light Coral Red	
Schwaben (Pfizer) Sulphur Yellow	.10
Seattle (Goodrich) Rose	
Sebesta (K) Creamy White, Very Early	.05
Selina (Kemp) Marguerite Yellow	
Senorita (Langlois) Nearly Brown	
Serrata (Bill) Cream Suffused Lilac Pink, Laciniated	.20
Silversheen (Aus) Salmon Pink	
Snow Glory (K) White, Purple Throat, Ruffled	.25
Sovereign (Vaughan) Violet Purple	.25
Spirit of St. Louis (Mueller) Orange Saffron	
Splendora (K) Cardinal Red	
Star Lily (K) Sulphur Yellow, Ruffled	
Star of the Sea (Ellis) Grenadine Red	

Steve's Perpetual (Steve) Scarlet	
Stuttgardia (Pfitzer) Orange Scarlet	
Sulphur Glow (K) Sulphur Yellow, Ruffled	.20
Summit (Burbank) Cherry Red	
Sunkist Fairy (Pety) Orange	
Sunnymead (Fischer) Orange Yellow	
Sunshine Glow (Neely) Scarlet	
Superba (Coleman) Carmine Red	
Susanne Worden (Austin) Tyrian Rose	
Svengali (Decorah) Hellebor Red	
Sweetheart (Alkemade) Rose, Shaded Silver Rose	
Sweet Lavender (Coleman) Lavender, Early	.10
Sweet Rose (K) Purest Deep Rose Pink	.15
Sword of Mohamet (Ellis) Purple Red	
Sydonia (Hopman) Violet	
Tancrede (Vilmorin) Violet	
Tempa (K) Old Rose, Ruffled	.15
The Aristocrat (Bill) Saffron Pink	
The Emir (Petty) Bronze	
The Flirt (Austin) Maroon Red	
The Orchid (Sprague) Lavender Pink, Laciniated	.25
Thistle (K) Rose Red, Large, Ruffled	.20
Tiger (K) Looks Like Its Name	
Tiger Face (Burbank) Rose Crimson	
Tinamba (Errey) Pink Flaked Salmon Rose	
Tivonia (Kemp) Rose Crimson	
Tobersun (Austin) Large Pure Yellow, Needlepoint Type	
Toernia (Vilmorin) Lavender Rose	
Toloa (Gage) Yellow Overlaid Grenadine Pink	
Tragedie (Lemoine) Orange Red, Maroon Blotch	
Tritoma (Stevens) Soft Flesh Pink	
Triumphator (Krelage) Orange Red	
Troubadour (Pfitzer) Deep Violet	
Trudle Grotz (Pfitzer) Large Salmon Pink	
Tsarine (Vilmorin) Rosy Lilac, Rose Blotch	
Tutanekai (N. Z.) Bittersweet Orange	
Two Tint (Childsii) White and Pink	
Tycko Zang (Austin) Salmon Pink	
Tyrian Beauty (K) American Beauty Rose	
Uhlen Chief (K) Vermillion Scarlet	
Unusual (K) Rose Pink, Many Open	
Veilchenblau (Pfitzer) Blue, Fine	
Veiled Brilliance (Austin) Bright Pink Tinted Grayish Blue	
Victor (Errey) Brilliant Scarlet, White Blotch	
Viola (Hol) White with Blue Purple Blotch	
Viola Bird (Umpleby) Miniature Violet	
Violet Beauty (K) Tall Cerise Violet	.15
Violet Glory (K) Deep Self Violet	
Virginia Hale (K) Creamy Salmon	
Waneta (K) Rose Pink, Delicately Colored	.10
Wedgewood (Austin) Violet Purple	
White Butterfly (K) All White Prim. Dainty	.05
White Lace (Kir) Beautiful White, Frilled	
White Orchid (Bill) Pure White, Ruffled	
White Veis (Kemp) White	
Willis E. Fryer (K) Tall Purple	.10
Winged Victory (Briggs) Just About the Largest Pink Out	
Winnefred (Spencer) Apricot Yellow	
Wm. G. Badger (Metz) Coral Pink	
Wm. Jennings Bryan (Austin) Smoky Rose	
Wm. Kent (D) Cream, Ruffled	
Wonderful (K) Deep Rose Pink	
Yellow Butterfly (Baldwin) Pure Yellow	
Yellow King (Kir) Fine Clear Yellow	

Yellow Perfection (Pfizer) Deep Yellow	
Yellow Orchid (Sprague) Light Cream, Laciniated	
Yellow Treasure (Austin) Rich Clear Yellow	..05
Yosemite (D) Geranium Red	
Yvonne (Krelage) Tinted White	
Zoe (D) Deep Purple	

SURPLUS STOCK

We must reduce our stock of the following. Prices are less than wholesale. Stock is limited and only 25 bulbs of a variety to a customer. Delivery charges not prepaid on these varieties. Sizes are 3s to 1s. All bulbs are sound, disease free, up to size and true to name. Money promptly returned when we cannot fill an order. Name first and second choice as we do not substitute.

25 A. B. Kunderd	.....	\$ .60	25 Golden Glory	.....	\$ .90
25 Autumn Queen	.....	.40	25 Henry Ford	.....	.40
25 Anna Eberius	.....	.50	25 Lacinatus	.....	.90
25 Break of Day	.....	.40	25 Los Angeles	.....	.40
25 Blue Lily	.....	.60	25 Maidens Blush	.....	.40
25 Blushing Beauty	.....	.90	25 Myra	.....	.40
25 Buckeye	.....	.90	25 1910 Rose	.....	.40
25 Dr. Van Fleet	.....	.50	25 Opalescent	.....	.50
25 E. B. Williamson	.....	.40	25 Pink Cloud	.....	.90
25 E. J. Shaylor	.....	.40	25 Pink Lily	.....	.90
25 Genesee	.....	.40	25 Rose Ash	.....	.40
25 Giant Nymph	.....	.50	25 Rose Glory	.....	.90
25 Glorious	.....	.90	25 Sebesta	.....	.40
25 Golden Swallow	.....	.40	25 Tempa	.....	.90
			25 White Butterfly	.....	.40

MIXTURES

Large flowering types of gladiolus, in all colors, no better value to be had anywhere, in lots of 100 bulbs only \$2.00 prepaid

G. Primulinus, in all colors. The flowers are somewhat smaller and hooded, but they have a charm, softness of color and a wiry grace that is lacking in the larger types. In lots of 100 bulbs only \$1.50 prepaid

Zephyranthus—Beautiful dwarf bulbous plants with large star shaped flowers. Handle like the gladiolus. **Rosea**, beautiful clear rose pink, 15 cents each; \$1.50 per dozen. **Candida**, pure white, 10 cents each, \$1.00 per dozen, prepaid.

Montbretias—They are gay and very attractive in the garden in late summer and fall and are invaluable for cutting, thin wiry graceful stems 8 to 18 inches long, each bearing 18 to 30 showy star shaped flowers. Very artistic and beautiful. Handle like the gladiolus. 10 cents each; \$1.00 per dozen; \$7.50 per hundred, prepaid.

Hyacinthus Candicans—The summer-flowering **Hyacinth**, a luxuriant-growing bulbous plant 3 to 5 feet high, bearing 20 to 30 waxy white bell shaped flowers. Handle like the gladiolus. 15 cents each; \$1.50 per dozen; \$12.00 per hundred, prepaid.

Tigridia—Extremely striking and handsome summer-flowering bulbs, producing large, gorgeous flowers in shades of yellow, orange and red, exquisitely spotted in the center. Handle like the gladiolus. 25 cents each; \$2.50 per dozen, prepaid.

ARTHUR C. KOERNER

Gladiolus Seed and Bulb Grower
FIVE OAKS FARM, NEWPORT, MINNESOTA